

**अधीक्षण अभियंता का कार्यालय,  
ग्रामीण कार्य विभाग, कार्य अंचल, मधेपुरा।**  
पत्रांक 622 44/ मधेपुरा, दिनांक 21.05.22/

प्रेषक,

अधीक्षण अभियंता,  
ग्रामीण कार्य विभाग,  
कार्य अंचल, मधेपुरा।

सेवा में,

मुख्य अभियंता-2,  
ग्रामीण कार्य विभाग,  
पटना।

**विषय :** ग्रामीण कार्य विभाग, कार्य प्रमंडल, मधेपुरा के अधीन वर्ष 2021-22 में भारी वर्षा के कारण आयी बाढ़ से क्षतिग्रस्त सड़कों तथा पुलियों का प्रशासनिक स्वीकृति हेतु डी0पी0आर0 समर्पित करने के संबंध में।

**प्रसंग :** कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, मधेपुरा का पत्रांक 1675 33- दिनांक 11.05.22 एवं अभियंता प्रमुख, ग्रामीण कार्य विभाग, विहार, पटना का पत्रांक- मु0आ0-4(मु0)विविध(कार्य)23-291/2019-4849 पटना, दिनांक 07.12.2021

महाशय,

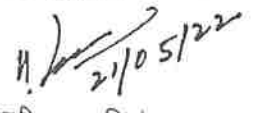
उपर्युक्त विषयक प्रसांगिक पत्र के आलोक में कहना है कि ग्रामीण कार्य विभाग, कार्य प्रमंडल, मधेपुरा के अधीन वर्ष 2021-22 में भारी वर्षा के कारण आयी बाढ़ से क्षतिग्रस्त सड़कों तथा पुलियों का कराये गये कार्य का प्रशासनिक अनुमोदन हेतु माननीय विधायक निरंजन कुमार मेहता, विधान सभा क्षेत्र, विहारीगंज के पत्रांक 75, 78 दिनांक 26.09.2021 एवं जिला पदाधिकारी, मधेपुरा का ज्ञापांक 2908 दिनांक 09.10.2021 के आलोक में प्रशासनिक अनुमोदन हेतु 13 योजनाओं का डी0पी0आर0 तकनीकी स्वीकृति के उपरान्त इस पत्र के साथ संलग्न कर समर्पित की जाती है, जो निम्न प्रकार है।

| क्र0 | प्रखंड    | प्रखंड | योजना का नाम                                                                     | क्षतिग्रस्त भाग की लम्बाई (KM) | तकनीकी स्वीकृति की राशि (Lakh) |
|------|-----------|--------|----------------------------------------------------------------------------------|--------------------------------|--------------------------------|
| 1.   | Murliganj | FDR    | Parmanandpur Panchayat Ke Ward No-10 Me PMGSy Road Se Brahmsthan Rahta tola tak. | 0.880                          | 22.21221                       |
| 2.   | Murliganj | FDR    | Khari Dakshinabri tola MMGSY Road Se Kabir Asram Parmanandpur tak.               | 0.380                          | 8.99097                        |
| 3.   | Murliganj | FDR    | Ratanpatti More Se Manhara PMGSY Nahar.                                          | 0.541                          | 11.10203                       |
| 4.   | Murliganj | FDR    | Raghunathpur Ward No-06 Me Kameshear Yadav Ke Ghar Se Kailash Yadav Ke Ghar tak. | 0.596                          | 17.27885                       |
| 5.   | Murliganj | FDR    | Ratanpatti Ward No-02 Mahadalit tola Se S.H.-91 tak.                             | 0.250                          | 14.32069                       |
| 6.   | Murliganj | FDR    | Pokhram Me Dularchand Vishwas Ke Ghar Se Bajrangwali Asthan tak.                 | 0.798                          | 20.64189                       |

P.T.O.

| क्र० | प्रखंड    | प्रखंड | योजना का नाम                                                                         | क्षतिग्रस्त<br>भाग की<br>लम्बाई<br>(KM) | तकनीकी<br>स्वीकृति की<br>राशि<br>(Lakh) |
|------|-----------|--------|--------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|
| 7.   | Murliganj | FDR    | Ganganpur Panchyat me PMGSY Sadak Se Kali tola tak.                                  | 0.397                                   | 12.28615                                |
| 8.   | Murliganj | FDR    | Parmanandpur Panchayat Ke Ward No-10 Me PMGSY Road Se-Ganesh Gupta Ghar tak.         | 0.053                                   | 1.48789                                 |
| 9.   | Murliganj | FDR    | Dinapatti Panchayat Ke Ward NO-05 Me Sanjay Yadav Ke Ghar Se Boku Yadav Ke Ghar tak. | 0.104                                   | 2.92421                                 |
| 10.  | Murliganj | FDR    | Gangapur Panchayat Ke Ward No-11 Ke Upendra Yadav Ke Ghar Se Mahadalit tola tak.     | 0.244                                   | 5.18674                                 |
| 11.  | Murliganj | FDR    | Raghunathpur Ward No-08 Me Bhumi Das Ke Ghar Se Murho tola tak.                      | 0.910                                   | 29.26569                                |
| 12.  | Murliganj | FDR    | Raghunathpur Ward No-07 Me PMGSY Road Se Durga Asthan tak.                           | 0.216                                   | 15.45514                                |
| 13.  | Murliganj | FDR    | Belo Chandadh Se Chatra Kantahi.                                                     | 0.910                                   | 27.52292                                |

अनु०:-प्रावकलन एक-एक प्रति में।

विश्वासभाजन,  
  
 अधीक्षण अभियंता,  
 ग्रामीण कार्य विभाग, कार्य अंचल,  
 मधेपुरा।



# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

## BIHAR RURAL ROADS PROJECT

Bihar Rural Development Agency (BRRDA)

Head :- F.D.R.

YEAR (2021-22)

STATE  
DISTRICT  
BLOCK  
DIVISION

BIHAR  
MADHEPURA  
MURLIGANJ  
MADHEPURA

DETAILED ESTIMATE FOR TEMPORARY RESTORATION  
OF ROAD FROM BELO CHAMGARH SE CHATRA KANTAH

|                               |    |              |
|-------------------------------|----|--------------|
| Actual Length of Road         | =  | 9.380 Km     |
| Flood affected Length of Road | =  | 0.910 Km ✓   |
| TOTAL COST OF PAVEMENT        | Rs | 27,52,292.23 |
| TOTAL PROJECT COST            | Rs | 27,52,292.23 |

Submitted By:  
Executive Engineer  
RWD (W) Division, Madhepura

Prepared By:  
Executive Engineer  
RWD (W) Division, Madhepura

## Inspection Report for Flood Damage work

Date:-

1 Name of PIUS :-

Madhepura

2 Name of Block :-

Murhiganj

3 Name of Road :-

Belo Champadh se Chatra Kantihi

### A. For Road

1 Damage Location/Chainage :- 0 to 1.5 km, 1.5 to 3 km, 3 to 4.5, 4.5 to 6 km, 6 to 7.5, 7.5 to 9

2 Damage Length :-

0.910 km

3 Nature of damage :-

4 Details of Restoration Works :-

i Material being used in Restoration works :-

Bricks bats, bamboo, metal, local sand, cement bats

ii Equipments/Tools being used in Restoration works :-

iii Procedure taken up in Restoration works :-

iv Restored Length :-

### B. For Bridge

1 Damage Location/Chainage :-

2 Damage Length :-

3 Nature of damage :-

4 Details of Restoration Works :-

i Material being used in Restoration works :-

ii Equipments/Tools being used in Restoration works :-

iii Procedure taken up in Restoration works :-

iv Restored Length :-

A. K. 202  
01/11/21  
JE

01/11/21  
AE

11/11  
EE

अर्थ कतीष 13 पाया गया।

01/11/21

Signature

(Name of inspector)

EE  
Bhivaniyany

—तकनीकी प्रतिवेदन—

अंचल का नाम:— मधेपुरा

प्रमण्डल का नाम:— मधेपुरा।

योजना शीर्ष:— 3054 एफ.डी.आर.

पथ का नाम:— **Belo chamgadh se chatra cantahi**

पथ की लम्बाई:—9.380 कि.मी.

निर्मित/निर्माणाधीन पथ का शीर्ष:—प्रधानमंत्री ग्राम सड़क योजना

प्राक्कलित राशि:— रू0 27.522 लाख

प्रस्तुत प्राक्कलन वर्ष 2021 में आई अप्रत्याशित अतिवृष्टि एवं बाढ़ के कारण **Belo chamgadh se chatra cantahi** पथ में हुए क्षति यथा कटाव/धसान/जलजमाव की आकस्मिक मरम्मत एवं यातायात पुनर्बहाल करने हेतु शीर्ष 3054 एफ.डी.आर. मद से सचिव, ग्रामीण कार्य विभाग/उच्चाधिकारियों के द्वारा दिये गये निर्देश के अनुपालन में तैयार किया गया है।

प्राक्कलन अन्तर्गत पथ में हुए क्षति की विस्तृत मापी दर्शायी गई है एवं प्राक्कलन वर्तमान अनुसूचित दर पर तैयार किया गया है।

  
कनीय अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रषाखा, मुरलीगंज

  
सहायक अभियंता  
ग्रामीण कार्य विभाग  
कार्य अवर प्रमण्डल मुरलीगंज

  
कार्यपालक अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रमण्डल, मधेपुरा।

## SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :- DETAILED ESTIMATE FOR TEMPORARY  
RESTORATION OF ROAD FROM BELO  
CHAMGARH SE CHATRA KANTAH -

DIVISION :- MADHEPURA

BLOCK :- MURLIGANJ

Actual Length of Road :- 9.380 Km

Flood Affected Length of Road :- 0.910 Km

| Sr. No.                                       | Description                 | Amount (In Rs.) |
|-----------------------------------------------|-----------------------------|-----------------|
| 1                                             | Total Cost of Restoration=  | 23,58,270.18    |
| 2                                             | Add:-Labour Cess @1% aml. = | 23,582.70       |
| 3                                             | Add:GST@12% on aml. =       | 2,82,992.42     |
| 4                                             | Add:S.F.@ 10% on Material = | 87,446.93       |
| TOTAL RESTORATION COST OF THE PROJECT IN LACS |                             | 27,52,292.23    |

Say - 27,52,292/-

A.101223  
01/11/24

Junior Engineer  
RWD (W) Division, Madhepura

Brish  
01/11/24

Assistant Engineer  
RWD (W) Division, Madhepura

11/11

Executive Engineer  
RWD (W) Division, Madhepura

T.S No-37

Dated-20/05/22

पत्रांक - मु.अ. - 4 (मु.) विविध (कार्य) 23-291/2019 - 4849

दि. - 07/12/2021

Technically sanctioned for Rs 27,52,292 = 00 (ie Twenty seven lacs fifty Two thousand Two hundred Ninety Two rupees) only.

Wale  
20/05/2022

Estimating Officer  
Rural Works Department  
Work Circle, Madhepura

H. K. / 21/05/22

Superintending Engineer  
Rural Works Department  
Work Circle, Madhepura

| Details of Measurement           |                                                                                                                                                                                                                                    |                                                                                            |                 |                 |         |                    |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------|-----------------|---------|--------------------|
| कार्य का विवरण<br>Detail of Work |                                                                                                                                                                                                                                    | रीखा<br>No.                                                                                | Measurement     |                 |         | मात्रा<br>Quantity |
|                                  |                                                                                                                                                                                                                                    |                                                                                            | लम्बाई<br>In m. | चौड़ाई<br>In m. | In m.   |                    |
| NAME OF ROAD :-                  |                                                                                                                                                                                                                                    | DETAILED ESTIMATE FOR TEMPORARY RESTORATION OF ROAD<br>FROM BELO CHAMGARH SE CHATRA KANTAH |                 |                 |         |                    |
| Item No. 1                       | Sand filling in Foundation Trenches as per Drawing & Technical Specification                                                                                                                                                       |                                                                                            |                 |                 |         |                    |
| CH:-In 1st km.to 6th km.         | 4.00                                                                                                                                                                                                                               | 3.00                                                                                       | 1.00            | 1.00            | 12.00   |                    |
|                                  | 1.00                                                                                                                                                                                                                               | 7.00                                                                                       | 1.50            | 1.50            | 15.75   |                    |
|                                  | 10.00                                                                                                                                                                                                                              | 2.10                                                                                       | 1.00            | 1.25            | 26.25   |                    |
|                                  | 5.00                                                                                                                                                                                                                               | 5.00                                                                                       | 1.50            | 2.00            | 75.00   |                    |
|                                  | 2.00                                                                                                                                                                                                                               | 8.00                                                                                       | 1.00            | 2.00            | 32.00   |                    |
|                                  | 1.00                                                                                                                                                                                                                               | 30.00                                                                                      | 1.00            | 1.50            | 45.00   |                    |
|                                  |                                                                                                                                                                                                                                    |                                                                                            | Total (In Cum)  |                 | 206.000 |                    |
| Item No.                         | Laying Brick Bat....                                                                                                                                                                                                               |                                                                                            |                 |                 |         |                    |
| CH:-In 3rd km.to 4.5th km        | 1                                                                                                                                                                                                                                  | 2.00                                                                                       | 1.50            | 1.250           | 3.750   |                    |
|                                  | 1                                                                                                                                                                                                                                  | 7.15                                                                                       | 1.40            | 1.20            | 12.012  |                    |
|                                  | 1                                                                                                                                                                                                                                  | 24.00                                                                                      | 3.75            | 0.80            | 54.000  |                    |
|                                  | 1                                                                                                                                                                                                                                  | 7.00                                                                                       | 3.03            | 0.90            | 19.089  |                    |
|                                  | 1                                                                                                                                                                                                                                  | 3.00                                                                                       | 2.75            | 0.45            | 3.713   |                    |
|                                  | 1                                                                                                                                                                                                                                  | 4.25                                                                                       | 1.50            | 1.40            | 8.925   |                    |
|                                  | 1                                                                                                                                                                                                                                  | 6.10                                                                                       | 1.40            | 0.30            | 2.562   |                    |
|                                  | 1                                                                                                                                                                                                                                  | 4.75                                                                                       | 1.50            | 1.40            | 9.975   |                    |
|                                  | 1                                                                                                                                                                                                                                  | 6.10                                                                                       | 1.40            | 0.30            | 2.562   |                    |
|                                  | 1                                                                                                                                                                                                                                  | 4.75                                                                                       | 1.50            | 1.40            | 9.975   |                    |
|                                  | 1                                                                                                                                                                                                                                  | 6.10                                                                                       | 1.00            | 0.60            | 3.660   |                    |
|                                  | 3                                                                                                                                                                                                                                  | 1.50                                                                                       | 1.00            | 0.30            | 1.350   |                    |
|                                  | 1                                                                                                                                                                                                                                  | 3.00                                                                                       | 0.90            | 0.60            | 1.620   |                    |
|                                  | 1                                                                                                                                                                                                                                  | 3.00                                                                                       | 1.50            | 0.60            | 2.700   |                    |
| CH:-In 6th to 7.5 th km          | 1                                                                                                                                                                                                                                  | 6.00                                                                                       | 1.50            | 0.45            | 4.05    |                    |
|                                  | 1                                                                                                                                                                                                                                  | 12.00                                                                                      | 3.03            | 2.10            | 76.36   |                    |
|                                  | 1                                                                                                                                                                                                                                  | 10.00                                                                                      | 3.03            | 0.45            | 13.64   |                    |
|                                  | 1                                                                                                                                                                                                                                  | 30.00                                                                                      | 3.13            | 2.70            | 253.53  |                    |
|                                  | 1                                                                                                                                                                                                                                  | 6.00                                                                                       | 3.13            | 2.70            | 50.71   |                    |
| CH:-In 7.5thkm to 9th km         | 2                                                                                                                                                                                                                                  | 30.00                                                                                      | 3.35            | 0.45            | 90.45   |                    |
|                                  | 1                                                                                                                                                                                                                                  | 15.00                                                                                      | 3.35            | 0.45            | 22.61   |                    |
|                                  |                                                                                                                                                                                                                                    |                                                                                            |                 |                 | 647.232 |                    |
|                                  |                                                                                                                                                                                                                                    |                                                                                            | Total (In Cum)  |                 | 647.232 |                    |
| Item No. 3                       | Labour for cutting 62mm to 75 mm dia bamboo piles to size and making shoes and driving etc. complete job as per specification and direction of E/I                                                                                 |                                                                                            |                 |                 |         |                    |
| CH:-In                           | 1                                                                                                                                                                                                                                  | 120                                                                                        |                 | 6               | 720.000 |                    |
| CH:-In                           | 1                                                                                                                                                                                                                                  | 50                                                                                         |                 | 2               | 100.000 |                    |
|                                  | For Bamboo piling 1.25m                                                                                                                                                                                                            |                                                                                            | Total (In m)    |                 | 820.000 |                    |
| Item No. 4                       | Labour for fitting and fixing Split bamboo woven chachari In position with 20 swg G.I wire or 75 mm to 100 mm long nails alternatively Including cost of G.I. wire or nails complete job as per specification and direction of E/I |                                                                                            |                 |                 |         |                    |
|                                  | Size 6m*2m,                                                                                                                                                                                                                        | 1                                                                                          | 30              | 2.74            | 82.20   |                    |
|                                  | For Chachary 01 no.(6m) Bamboo=1.413 sqm                                                                                                                                                                                           | 1                                                                                          | 6               | 2.74            | 16.44   |                    |
|                                  |                                                                                                                                                                                                                                    |                                                                                            | Total (In sqm)  |                 | 98.64   |                    |
|                                  |                                                                                                                                                                                                                                    |                                                                                            | Total (In m)    |                 | 418.85  |                    |
| Item No. 5                       | Labour for fitting and fixing 75 mm dia bamboo runners In position at every vertical pole with 150 mm long nails or 38 swg G.I. wire Including cost of G.I wire or nails complete job as per specification and direction of E/I    |                                                                                            |                 |                 |         |                    |
| CH:-In                           | 15                                                                                                                                                                                                                                 | 36                                                                                         |                 |                 | 540.00  |                    |
|                                  |                                                                                                                                                                                                                                    |                                                                                            | Total (In m)    |                 | 540.00  |                    |
| Item No. 6                       | Supply of Bamboo at site.                                                                                                                                                                                                          |                                                                                            |                 |                 |         |                    |
|                                  |                                                                                                                                                                                                                                    |                                                                                            | Total (In m)    |                 | 1778.85 |                    |

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |       |      |                        |                        |               |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-------|------|------------------------|------------------------|---------------|
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |       |      |                        | <b>Total (In nos.)</b> | 296.48        |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |       |      |                        |                        | <b>296.00</b> |
| Item No. 7              | Labour filling empty cement bags with local sand, stitching the bags and placing including supply of sutli and EC bag etc. all complete as per approved desing, specification and direction of EA                                                                                                                                                                                                                                                                                          |   |       |      |                        |                        |               |
| CH:-in                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 30    | 3.02 | 2                      |                        | 181.20        |
| CH:-in                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 6     | 3.02 | 2                      |                        | 36.24         |
| CH:-in                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 6     | 1.1  | 2                      |                        | 13.20         |
| CH:-in                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 5     | 0.5  | 2                      |                        | 5.00          |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |       |      | <b>Total (in cum)</b>  |                        | 235.64        |
|                         | <b>(0.034m3=1 no. of EC Bags)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |   |       |      |                        |                        | 6930.59       |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |       |      | <b>Total (in nos.)</b> |                        | 6931.00       |
| Item No. 8              | Providing,laying and filling Geo bags of size 1m X 0.7 m(Type A 300 GSM nonwoven) weight of bags 420g volume of filled bag 0.07m3. weight of filled Geo bags 126 Kg with local sand including stitching in four lines by approved nylon thread with stitching machine and generator stacking and placing after loading unloading and carriage with help of trolley within 150m lead all complete as per specifications and direction of E/I (including Carriage of Local sand lead 0.5 km) |   |       |      |                        |                        |               |
| CH:-in                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2 | 0     | 1.00 | 0.45                   |                        | 0.00          |
| CH:-in                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2 | 0     | 1.00 | 0.45                   |                        | 0.00          |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |       |      |                        |                        | 0.00          |
|                         | <b>(0.07m3=1 no. of Geo Bags)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |   |       |      |                        |                        | 0.00          |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |       |      | <b>Total (in nos.)</b> |                        | 0.00          |
| Item No. 9              | Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.(Gr-II Material)                                                                                                                             |   |       |      |                        |                        |               |
| CH:-in 0 km to 1.5 km   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 20.42 | 1.52 | <b>0.150</b>           |                        | 4.66          |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 6.09  | 2.54 | <b>0.175</b>           |                        | 2.71          |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 13.71 | 2.74 | <b>0.175</b>           |                        | 6.57          |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 1.50  | 2.74 | <b>0.200</b>           |                        | 0.82          |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 21.95 | 2.74 | <b>0.150</b>           |                        | 9.02          |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 7.10  | 2.65 | <b>0.175</b>           |                        | 3.29          |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 11.10 | 2.1  | <b>0.200</b>           |                        | 4.66          |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 13.10 | 2.74 | <b>0.150</b>           |                        | 5.38          |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 30.00 | 2.65 | <b>0.150</b>           |                        | 11.93         |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 28.96 | 3.2  | <b>0.150</b>           |                        | 13.90         |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 14.00 | 2.43 | <b>0.150</b>           |                        | 5.10          |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 15.85 | 3.03 | <b>0.150</b>           |                        | 7.20          |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 30.00 | 2.74 | <b>0.175</b>           |                        | 14.39         |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 19.00 | 2.6  | <b>0.150</b>           |                        | 7.41          |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2 | 30.00 | 3.03 | <b>0.150</b>           |                        | 27.27         |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 17.00 | 2.74 | <b>0.150</b>           |                        | 6.99          |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 12.00 | 2.35 | <b>0.200</b>           |                        | 5.64          |
| CH:-in 1.5 km to 3.0 km |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 3.03  | 2.95 | <b>0.200</b>           |                        | 1.79          |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 12.10 | 3.03 | <b>0.150</b>           |                        | 5.50          |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 30.00 | 3.03 | <b>0.150</b>           |                        | 13.64         |
| CH:-in 4.5 km to 6.0 km |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 15.24 | 2.43 | <b>0.175</b>           |                        | 6.48          |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 19.10 | 2.5  | <b>0.150</b>           |                        | 7.16          |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2 | 30.00 | 2.44 | <b>0.175</b>           |                        | 25.62         |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2 | 30.00 | 2.9  | <b>0.150</b>           |                        | 26.10         |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 25.00 | 2.74 | <b>0.150</b>           |                        | 10.28         |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 | 30.00 | 3.1  | <b>0.150</b>           |                        | 13.95         |
| CH:-in 7.5 km to 9.0 km |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3 | 30.00 | 3.5  | <b>0.175</b>           |                        | 55.13         |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |       |      | <b>540.25</b>          | <b>Total (Cum)</b>     | <b>302.58</b> |
| Item No. 10             | Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Row(1000mm Dia).                                                                                                                                                                                                                                                                                                                                                                                          |   |       |      |                        |                        |               |
|                         | Ch.0.00km                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 | 0     | 2.5  |                        |                        | 0.00          |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |       |      |                        | <b>Total (In m)</b>    | <b>0.00</b>   |

### Schedule of Quantity

NAME OF ROAD :-

DETAILED ESTIMATE FOR TEMPORARY RESTORATION OF  
ROAD FROM BELO CHAMGARH SE CHATRA KANTAH

BLOCK :-

MURLIGANJ

| S.No | SOR NO   | DESCRIPTION OF ITEMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | QTY     | UNIT | RATE    | AMOUNT     |
|------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------|---------|------------|
| 1    | 301.5    | Sand filling in Foundation Trenches as per Drawing & Technical Specification                                                                                                                                                                                                                                                                                                                                                                                                                 | 208.00  | Cum  | 582.71  | 120039.17  |
| 2    | A/R      | Providing and laying of Brick bat obtained from chimney with machanical means with all spreading, grading to required slope and compacted at OMC to acheive required density with all complete as per the direction of engineer in charge.                                                                                                                                                                                                                                                   | 847.23  | Cum  | 1922.87 | 1244543.00 |
| 3    | 5.7.7    | Labour for cutting 62mm to 75 mm dia bamboo piles to size and making shoes and driving etc. complete job as per specification and direction of E/I                                                                                                                                                                                                                                                                                                                                           | 820.00  | m    | 45.86   | 37609.23   |
| 4    | 5.7.8    | Labour for fitting and fixing Split bamboo woven chachari in position with 20 swg G.I wire or 75 mm to 100 mm long nails alternatively including cost of G.I. wire or nails complete job as per specification and direction of E/I                                                                                                                                                                                                                                                           | 98.64   | sgm  | 78.20   | 7713.48    |
| 5    | 5.7.9    | Labour for fitting and fixing 75 mm dia bamboo runners in position at every vertical pole with 150 mm long nails or 38 swg G.I. wire including cost of G.I. wire or nails complete job as per specification and direction of E/I                                                                                                                                                                                                                                                             | 540.00  | m    | 5.31    | 2865.78    |
| 6    |          | Supply of Bamboo at site.                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 296.00  | nos. | 188.39  | 55762.32   |
| 7    | 5.7.40.1 | Labour filling empty cement bags with loocal sand, stitching the bags and placing including supply of sutli and EC bag etc. all complete as per approved desing, specification and direction of E/I                                                                                                                                                                                                                                                                                          | 6931.00 | nos. | 37.05   | 256816.01  |
| 8    |          | Providing, laying and filling Geo bags of size 1m X 0.7 m (Type A 300 GSM nonwoven) weight of bags 420g volume of filled bag 0.07m3. weight of filled Geo bags 126 Kg with local sand including stitching in four lines by approved nylon thread with stitching machine and generator stacking and placing after loading unloading and carriage with help of trolley within 150m lead all complete as per specifications and direction of E/I (including Carriage of Local sand lead 0.5 km) | 0.00    | Each | 172.18  | 0.00       |
| 9    | 401      | Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.                                                                                                                                               | 302.58  | Cum  | 2091.76 | 632921.21  |
| 10   | 9.3      | Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Roww(1000mm Dia).                                                                                                                                                                                                                                                                                                                                                                                           | 0.00    | m    | 4048.57 | 0.00       |
|      |          | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |      | Rs.     | 2358270.18 |

*Alumay*  
JE

*Brinsh*  
AE

*1/1/21*  
EE

### Calculation of Seigniorage Fees

DETAILED ESTIMATE FOR TEMPORARY RESTORATION OF ROAD FROM BELO CHAMGARH SE  
NAME OF ROAD :- CHATRA KANTAH  
BLOCK :- MURLIGANJ

| S.No | SOR NO   | DESCRIPTION OF ITEMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | QTY    | UNIT | RATE    | AMOUNT    |
|------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------|---------|-----------|
| 1/1  | 12.3     | Construction of embankment with approved material obtained from borrow pits with lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5                                                                                                                                                                                                             |        |      |         |           |
|      |          | E/W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 208.00 | Cum  | 141.85  | 29221.10  |
| 2/2  | A/R      | Providing & laying Brick Bat...                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |      |         |           |
|      |          | Providing and laying of Brick bat obtained from chimney with machanical means with all spreading, grading to required slope and compacted at OMC to achelve required density with all complete as per the direction of engineer in charge.                                                                                                                                                                                                                                                                |        |      |         |           |
|      |          | Brick Bats                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 647.23 | Cum  | 1032.00 | 667943.42 |
| 3/7  | 5.7.40.1 | Labour filling empty cement bags with loocal sand, stitching the bags and placing including supply of suti and EC bag etc. all complete as per approved desing, specification and direction of E/I                                                                                                                                                                                                                                                                                                        |        |      |         |           |
|      |          | Sand                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 235.64 | Cum  | 141.85  | 33425.53  |
| 4/8  | 5.7.40.2 | Providing, laying and filling Geo bags of size 1m X 0.7 m (Type A 300 GSM nonwoven) weight of bags 420g volume of filled bag 0.07m <sup>3</sup> . weight of filled Geo bags 126 Kg with local sand including stitching in four lines by approved nylon thread with stitching machine and generator stacking and placing after loading unloading and carriage with help of trolley within 150m lead all complete as per specifications and direction of E/I (including Carriage of Local sand lead 0.5 km) |        |      |         |           |
|      |          | Sand                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.00   | Cum  | 141.85  | 0.00      |
| 5/9  | 401      | Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.                                                                                                                                                            |        |      |         |           |
|      |          | For Grading 1 Material (with Coarse Sand Screening)                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |      |         |           |
|      |          | Unit = Cum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |      |         |           |
|      |          | Taking output = 300 cum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      |         |           |
|      |          | Coarse graded granular sub-base material as per Table 400.2                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |      |         |           |
|      |          | 53 mm to 9.5mm @ 50 percent                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 180.00 | Cum  | 516.42  | 92955.60  |
|      |          | 9.5 mm to 2.36 mm @ 20 percent                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 72.00  | Cum  | 411.33  | 29615.76  |
|      |          | 2.36 mm below @ 30 percent (coarse Sand Screening)                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 108.00 | Cum  | 185.94  | 20081.52  |
|      |          | Cost for 300 cum = a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |      |         | 142652.88 |
|      |          | Rate per Cum = (a)/300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        | Cum  |         | 475.51    |
|      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 302.58 | Cum  | 475.51  | 143879.20 |
|      |          | GSB Gr-I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |      |         | 143879.20 |
|      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |      | TOTAL   | 874469.26 |
|      |          | Seigniorage Fees @10% of Basic Amount                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |      | Say     | 87446.93  |

*A. Jaisay*  
07/11/24  
JE

*B. Singh*  
07/11/24  
AE

*[Signature]*  
11/24  
EE