

27/10/22

अधीक्षण अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य अंचल, भागलपुर।

E-mail ID- se.bhagalpur.rwd@gmail.com

Mobile No. 8986915214

पत्रांक १२३/संग्रह/भागलपुर

दिनांक 27-12-2021

प्रेषक,

अधीक्षण अभियन्ता,
ग्रामीण कार्य विभाग
कार्य अंचल, भागलपुर।

सेवा में,

नोडल पदाधिकारी,

FDR

ग्रामीण कार्य विभाग,
बिहार, पटना।

बाढ़ / अतिवृष्टि से क्षतिग्रस्त पथों की आपातकालीन मरम्मति कार्य (मोटररेबुल) के प्रावक्कलन का प्रशासनिक अनुमोदन हेतु समर्पित करने के संबंध में।
कार्यपालक अभियन्ता, ग्रामीण कार्य विभाग, कार्य प्रमण्डल, भागलपुर का पत्रांक 1793 (अनु०) दिनांक 13.12.2021

प्रसंग :-

महाशय,

उपर्युक्त विषयक 2021 में आये भीषण बाढ़ / अतिवृष्टि से क्षतिग्रस्त पथों में आपातकालीन मरम्मति कार्य का प्रावक्कलन कार्यपालक अभियन्ता, ग्रामीण कार्य विभाग, कार्य प्रमण्डल, भागलपुर से प्राप्त हुआ है, जिसे तकनीकी स्वीकृतियोपरांत प्रशासनिक अनुमोदन हेतु समर्पित किया जाता है, जो निम्न है-

| प्रखण्ड | पथ का नाम | M/s Actual | पथ की लम्बाई (किमी०मे) | तकनीकी स्वीकृति की राशि (लाख मे) |
|--------------|---|---------------|---------------------------|--|
| 1. Nathnagar | NH-80 To Bhuwalpur | 114 | 1.570 | 2.286 |
| 2. Nathnagar | REO Road Haridaspur To Didarpur | 113 | 4.000 | 1.499 |
| 3. Nathnagar | REO Road To Raghpur | 112 | 5.166 | 6.133 |
| 4. Nathnagar | L036 To Ganga Prasad | 111 | 4.710 | 2.125 |
| 5. Nathnagar | RWD Road Makandpur More /to Bharat Rasalpur | 115 | 1.909 | 1.904 |
| 6. Nathnagar | NH-80 Near Champanala To Raghpur | 116 | 3.900 | 4.593 |

अनु०-यथोक्त

विश्वासभाजन

अधीक्षण अभियन्ता
ग्रामीण कार्य विभाग
कार्य अंचल, भागलपुर
भा०१४८८



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

DETAILED PROJECT REPORT FOR REPAIRING OF ROAD F.D.R. PART - A (2021 - 22)

DETAILED ESTIMATE For F.D.R. Motrable Work

| | | | |
|------------------------------|----------------------------------|----------|------|
| DISTRICT : | BHAGALPUR | | |
| | | | |
| NAME OF ROAD : | NH80 near Champanala to Raghopur | | |
| Total Length of road | : | 3.900 Km | |
| Total cost of Motorable work | : | 3.96 | Lacs |
| GST @12% | : | 0.47 | Lacs |
| Labour Cess @ 1% | : | 0.04 | Lacs |
| Seigniorage Fee @10% | : | 0.12 | Lacs |
| Total Cost | : | 4.59 | Lacs |

SUBMITTED BY
The Executive Engineer
RWD, Works Division, Bhagalpur

Inspection Report For Flood Damage Work

Date:- 5/12/2021

1. Name of PIU's - Executive Engineer R.W.D Bhopalpr
2. Name of Block/ Road Naltinagar/ NH 80 - near Champaonallah & Raghora

A. For Road

1. Damage Location/Chainage 0 to 2 Km
2. Damage length 0 to 2 Km

3. Nature of Damage - Grade 3 & 13T

4. Detail of Restoration Works

- (i) Material being used in Restoration Works: GSB
- (ii) Equipment's/ Tools Being used in Restoration Works: Roller, tractor & Power.
- (iii) Procedure Taken up in Restoration Works: Manually main
- (iv) Restored Length: 403.50 m.

B. For Bridge

1. Damage Location/Chainage

2. Damage length

3. Nature of Damage

4. Detail of Restoration Works

- (i) Material being used in Restoration Works:
- (ii) Equipment's/ Tools Being used in Restoration Works:
- (iii) Procedure Taken up in Restoration Works:
- (iv) Restored Length:

C. Requirement Of New CD/Bridges

- (i) Name of Road:

- (ii) Location/ Chainage

- (iii) Type of CD Work/Length required

Notes:-

- Upload one Photograph of damaged portion if available
- Attach minimum Two Photograph (during restoration & after restoration) Photographs should be Geotags and at Least one Photo be captured in selfie mode.

Signature of JE/AE/EE

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S. M. M.

R. S. S. M.
Signature
(Name of Inspector)
RAMESH S. M. M.

प्रतिवेदन

योजना का नाम - " NH80 near Champanala to Raghpur " पथ में बाढ़ से क्षतिग्रस्त भाग का मोटरेबुल कार्य ।

पथ की लम्बाई - 3.900 किमी०

प्राक्कलित राशि - रु० 4.59268 लाख

वर्ष 2021 में गंगा नदी में आयी भयंकर बाढ़ से ग्रामीण कार्य विभाग, कार्य प्रनाली, कहलगाँव अन्तर्गत पीरपेंती/कहलगाँव/सदीर एवं सन्हौला प्रखण्ड के लगभग 89 पथ /पुल बाढ़ से प्रभावित हुये हैं। इनमें कुछ पथों में कटाव/गड्ढे हो जाने के कारण विभाग द्वारा समय-समय पर प्राप्त दिशा निर्देशों /आदेशों के आलोक में तत्काल युद्धस्तर पर इन पथों को Brick-Bats/ Sand Bag, Bamboo Piling एवं GSB के द्वारा मोटरेबुल कार्य कराया गया है। मोटरेबुल कार्य के बाद सभी पथों में आवागमन चालू हो चुका है।

कराये गये कार्य का प्राक्कलन ग्रामीण कार्य विभाग, कार्य अंचल भागलपुर के पत्रांक _____ दिनांक _____ के द्वारा स्वीकृत दर पर तैयार किया गया है तथा इस कार्य का विवरण विभागीय MIS पर FDR Module में प्रविष्ट किया गया है।

कार्य के उपरान्त इसकी तकनीकी अनुमोदन सह तकनीकी स्वीकृति अपेक्षित है।

कनीय अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा, नाथनगर

सहायक आभियन्ता,
ग्रामीण कार्य विभाग,
कार्य अवर प्रमण्डल नाथनगर

कार्यपालक अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य प्रनाली भागलपुर

GENERAL ABSTRACT OF COST

Name of Road : NH80 near Champanala to Raghpur District : BIHAGALPUR

Length of Road : 3.900 Km Block : NATHNAGAR

| SL No | Particulars | Details | Total Cost (in Rs.) |
|-------|--------------------------------|---------|--------------------------|
| A | Cost of Road Motorable work | : 3.90 | 395624 3,95,624-00 |
| B | GST @12% | : | 47475 47,475-00 |
| C | Labour Cess @ 1% | : | 3956 3,956-30 |
| D | Seigniorage Fee @10% | : | 12206 12,206-04 |
| | Total Cost of Restoration work | : | 459261-00 4,59,261-94 |
| | | say | 4,59,300-00 |

4,59,300 = w

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Technically Sanctioned for Rs 4,59,300/- (Rupees
four one fifty nine thousand three hundred) only.

Superintending Engineer
 Rural Works Department
 & Works Circle, Bhagalpur
 27/12/21

ESTIMATE FOR ROAD RESTORATION WORK

Name of Road: NH80 near Champanala to Raghpur Block: NATHNAGAR District: BHAGALPUR Length: 9.320 KM

| Sl. No. | SSR Item No. | Description | No | Length (M) | Width (M) | H/D (M) | Qty. | Unit | Rates (in Rs.) | Amount (in Rs.) |
|---------|--------------|--|----|------------|-----------|---------|---------------------------------------|------|----------------|-----------------|
| 1 | 4.5 | Granular Sub-base with Well Graded Material (Table 400.1) (By mix in place method) For Grading II Material Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader 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. | | | | | | | | |
| | | As per attached "Annexure - B" | | | | | 160.30 | | | |
| | | | | | | | 160.30 | cum | 2336.82 | 3,95,630.00 |
| | | | | | | | Total Cost of Flood Protective work = | | | 3,95,630.00 |

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NH80 near Champanala to Raghpur

GSB Grading II

Annexure- B

| Chainage | No. | Length (in m) | Width (in m) | Depth (in m) | Qty (in Cum) | Remarks |
|----------------------|------|------------------|-----------------|-----------------|---------------------|-----------|
| Between 0 to 2.00 Km | 1 x | 95.00 | x 3.00 | x 0.15 | = 42.75 | Pot Patch |
| | 1 x | 6.00 | x 3.75 | x 0.15 | = 3.38 | Pot Patch |
| | 1 x | 25.00 | x 2.80 | x 0.10 | = 7.00 | Pot Patch |
| | 1 x | 2.00 | x 2.00 | x 0.15 | = 0.60 | Pot Patch |
| | 1 x | 7.00 | x 3.75 | x 0.15 | = 3.94 | Pot Patch |
| | 1 x | 15.00 | x 3.00 | x 0.15 | = 6.75 | Pot Patch |
| | 1 x | 5.00 | x 2.00 | x 0.15 | = 1.50 | Pot Patch |
| | 1 x | 30.00 | x 2.00 | x 0.15 | = 9.00 | Pot Patch |
| | 1 x | 30.00 | x 2.00 | x 0.15 | = 9.00 | Pot Patch |
| | 7 x | 1.50 | x 2.00 | x 0.15 | = 3.15 | Pot Patch |
| | 1 x | 11.00 | x 3.00 | x 0.15 | = 4.95 | Pot Patch |
| | 3 x | 1.00 | x 1.00 | x 0.15 | = 0.45 | Pot Patch |
| | 1 x | 12.00 | x 2.80 | x 0.15 | = 5.04 | Pot Patch |
| | 1 x | 90.00 | x 2.50 | x 0.15 | = 33.75 | Pot Patch |
| | 2 x | 15.00 | x 2.50 | x 0.10 | = 7.50 | Pot Patch |
| | 1 x | 10.00 | x 2.75 | x 0.10 | = 2.75 | Pot Patch |
| | 1 x | 5.00 | x 2.00 | x 0.10 | = 1.00 | Pot Patch |
| | 1 x | 20.00 | x 3.00 | x 0.10 | = 6.00 | Pot Patch |
| | 10 x | 1.00 | x 1.00 | x 0.10 | = 1.00 | Pot Patch |
| | 3 x | 5.00 | x 2.00 | x 0.15 | = 4.50 | Pot Patch |
| | 2 x | 10.00 | x 3.00 | x 0.15 | = 9.00 | Pot Patch |
| | 2 x | 7.00 | x 3.00 | x 0.15 | = 6.30 | Pot Patch |
| Total | | | | | = 169.30 cum | |

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Carriage Cost of Material via Road

RWD, works Division, Bhagalpur

Name of Road: NH00 near Champarania to Raghujpur

| Block : NATHNAGAR | | | | | | | | | |
|----------------------------|----------|--------------|------|--------|------------|--------------|-------|---------|--------|
| 1 Stone Metal Gr-II/Vls | Cum | Mirza Cheukh | 0.00 | x 7.47 | x 0.3 Km | = Rs 1080.63 | 0.00 | x 18.09 | x 0 Km |
| 2 Stone Metal Gr-III / GSB | Cum | Mirza Cheukh | 0.00 | x 7.47 | x 0.3 Km | = Rs 994.00 | 0.00 | x 18.09 | x 0 Km |
| 3 Stone Aggregate / Chips | Cum | Mirza Cheukh | 0.00 | x 7.47 | x 0.3 Km | = Rs 994.00 | 0.00 | x 18.09 | x 0 Km |
| 4 Stone Boulder /Vla Road | Cum | Mirza Cheukh | 0.00 | x 7.47 | x 0.3 Km | = Rs 1033.35 | 0.00 | x 18.09 | x 0 Km |
| 5 Charai Sand/Vla Road | Cum | Hannmara | 0.00 | x 7.47 | x 3.6 Km | = Rs 431.13 | 0.00 | x 18.09 | x 0 Km |
| 6 Maoram/Vla Road | Cum | Mirza Cheukh | 0.00 | x 7.47 | x 83 Km | = Rs 826.68 | 0.00 | x 18.09 | x 0 Km |
| Bitumen Baraani/Vla Road | MT | Baraani | 0.00 | x 7.47 | x 125 Km | = Rs 933.75 | 0.00 | x 18.09 | x 0 Km |
| Bitumen Emulsion/Vla Road | MT | Fatuhia | 0.00 | x 7.47 | x 212 Km | = Rs 1583.64 | 0.00 | x 18.09 | x 0 Km |
| 9 Local Sand | Cum | Local | 0.00 | x 7.47 | x 2 Km | = Rs 23.95 | 0.00 | x 18.09 | x 1 Km |
| 10 Brick | 1000 Nos | Local | 0.00 | x 7.47 | x 7 Km | = Rs 209.16 | 0.00 | x 18.09 | x 1 Km |
| 11 Cement | MT | Local | 0.00 | x 7.47 | x 7 Km | = Rs 52.29 | 0.00 | x 18.09 | x 0 Km |
| 12 Steel | MT | Local | 0.00 | x 7.47 | x 7 Km | = Rs 52.29 | 0.00 | x 18.09 | x 0 Km |
| 13 Hume Pipe (1000 mm) | M | Goddha | 0.00 | x 7.47 | x 68 Km | = Rs 496.37 | 10.00 | x 18.09 | x 0 Km |
| 14 Hume Pipe (600 mm) | M | Goddha | 0.00 | x 7.47 | x 68 Km | = Rs 162.55 | 8.00 | x 18.09 | x 0 Km |
| 15 Hume Pipe (300 mm) | M | Goddha | 0.00 | x 7.47 | x 68.00 Km | = Rs 67.73 | 8.00 | x 19.02 | x 0 Km |
| 16 Bamboo | Noi | Kurshi | 0.00 | x 7.47 | x 42 Km | = Rs 313.74 | 8.00 | x 19.62 | x 0 Km |
| 17 Brick bats | Cum | Local | 2.00 | x 7.47 | x 7 Km | = Rs 209.16 | 8.00 | x 18.09 | x 1 Km |
| 18 Klin Rabbitch | Cum | Local | 0.00 | x 7.47 | x 7 Km | = Rs 209.16 | 2.00 | x 18.09 | x 1 Km |

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Final Rate for FDR 2021-22
R.W.D. Works Division Bhagalpur

| I. Material | | | | | | | | | |
|-------------|--|-------|------------|----------|--------|-------------------|---------|-------------------|-------------|
| Sl. No. | Material | Unit | Basic Rate | Carriage | SF 10% | Overhead & CP 15% | Total | GST 12% & I.C. 1% | Grand total |
| 1 | Empty Cement Bags | Each | 2.92 | 0.30 | 0.00 | 0.48 | 3.70 | 0.48 | 4.18 |
| 2 | Bamboos | | | | | | | | |
| 3 | (i) 75 mm Dia even to 8m long | Each | 141.5 | 2.26 | 0.00 | 21.56 | 165.32 | 21.49 | 186.81 |
| 3 | (ii) 100 mm Dia 6m to 8m long | Each | 151.5 | 2.26 | 0.00 | 23.06 | 176.52 | 22.99 | 199.80 |
| 3 | Brickbats | Cum | 1051 | 475.14 | 105.10 | 244.69 | 1875.93 | 243.87 | 2119.80 |
| 4 | Local Sand | Cum | 141.85 | 157.80 | 14.19 | 47.08 | 360.91 | 46.92 | 407.83 |
| 5 | Kim Rubbish | Cum | 1648 | 386.40 | 164.80 | 329.88 | 2529.08 | 328.78 | 2857.86 |
| 6 | Huske Pipe (NP3) | | | | | | | | |
| 6 | 600mm Dia | Meter | 1582.72 | 194.99 | 0.00 | 266.66 | 2044.37 | 265.77 | 2310.13 |
| 7 | Huske Pipe (NP3) | | | | | | | | |
| 7 | 1000mm Dia | Meter | 2744.5 | 482.10 | 0.00 | 483.99 | 3710.59 | 482.38 | 4192.97 |
| 8 | Boulders | Cum | 355.68 | 1226.97 | 35.57 | 237.40 | 1855.62 | 241.23 | 2096.85 |
| 9 | Granular Sub base Material Grading-II | | | | | | | | |
| 9 | (i) 25.50 mm to 9.50 mm | Cum | 604.91 | 1274.25 | 60.49 | 281.87 | 2221.53 | 288.80 | 2510.32 |
| 9 | (ii) 9.50 mm to 4.75 mm | Cum | 582.8 | 1274.25 | 58.28 | 278.56 | 2193.89 | 285.21 | 2479.09 |
| 9 | (iii) 4.50 mm below | Cum | 514.58 | 1274.25 | 51.46 | 268.32 | 2108.61 | 274.12 | 2382.73 |
| 10 | Stone Metal Aggregates Gr-II | Cum | 480.64 | 1274.25 | 48.06 | 263.23 | 2066.19 | 268.60 | 2334.79 |
| 11 | Stone Metal Aggregates Gr-III | Cum | 511.44 | 1187.62 | 51.14 | 254.86 | 2005.06 | 260.66 | 2265.72 |
| 12 | Screening Material Type-B | Cum | 397.73 | 931.56 | 39.77 | 199.39 | 1568.46 | 203.90 | 1772.36 |

| II. LABOUR | | | | | | | |
|------------|---------------------|---------|------------|-------------------|--------|---------|-------------|
| | Type | Unit | Basic Rate | Overhead & CP 15% | Total | GST 12% | Grand total |
| 1 | Unskilled Labour | Per Day | 292 | 43.80 | 335.80 | 43.65 | 379.45 |
| 2 | Semi Skilled Labour | Per Day | 304 | 45.60 | 349.60 | 45.45 | 395.05 |
| 3 | Skilled labour | Per Day | 370 | 55.50 | 425.50 | 55.32 | 480.82 |
| 4 | Mason | Per Day | 351 | 52.65 | 403.65 | 52.47 | 456.12 |
| 5 | Head mason | Per Day | 394 | 59.10 | 453.10 | 58.90 | 512.00 |
| 6 | Blister | Per Day | 292 | 43.80 | 335.80 | 43.65 | 379.45 |
| 7 | Carverster | Per Day | 351 | 52.65 | 403.65 | 52.47 | 456.12 |
| 8 | Head Carpenter | Per Day | 394 | 59.10 | 453.10 | 58.90 | 512.00 |
| 9 | Night Guard | Per Day | 485 | 72.75 | 557.75 | 72.51 | 630.26 |
| 10 | Electrician | Per Day | 373 | 55.95 | 428.95 | 55.76 | 484.71 |

| III. TOOLS, PLANTS & MACHINERIES WITH DRIVER & FUEL | | | | | | | | | |
|---|--|----------|-----------|------------|---------|----------|---------|--------|-------------|
| Sl. | Description of Machine | Unit | Output of | Output | Basic | Overhead | Total | GST | Grand total |
| 1 | Front End Loader 1.0 cum bucket capacity (JCB) | Per Hour | Cum/hour | 60/25 | 1403.00 | 210.45 | 1613.45 | 209.75 | 1823.20 |
| 2 | 8-10 Ton Smooth Wheeled Roller | Per Hour | Cum/hour | 70/25 | 803.00 | 120.45 | 923.45 | 120.05 | 1043.50 |
| 3 | Tractor with Trolley | Ton/Trip | Cum/hour | 3 to 5 Ton | 549.00 | 82.35 | 631.35 | 82.08 | 713.43 |
| 4 | Tipper | Ton/Trip | Cum/hour | 5.5 | 1183.00 | 177.45 | 1360.45 | 176.86 | 1537.31 |
| 5 | Tractor with Tipper | Ton/Trip | Cum/hour | 3 to 5 Ton | 1732.00 | 259.80 | 1991.80 | 258.93 | 2250.73 |
| 6 | Generator Set | Per Hour | Cum/hour | 5 | 300.00 | 45.00 | 345.00 | 44.85 | 389.85 |

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| SDB Sl. No. | DESCRIPTION | Unit | QTY | Rate | Amount in Rs |
|-------------|--|------|-------|----------|-----------------|
| 4.5 | Providing and Laying of Brick Bats | | | | |
| | Placing tractor at loading point loading with front end loader dumping, turning for return trip excluding time for haulage and return trip | | | | |
| | Unit = cum | | | | |
| | Taking output = 2.832 cum | | | | |
| a) | Labour | | | | |
| | Mazdoor (Unskilled) | day | 2.170 | 292.00 | 633.64 |
| b) | Materials | | | | |
| | Brick Bats | cum | 2.830 | 1,051.00 | 2974.33 |
| c) | Carriage | | | | |
| | | cum | 2.830 | 475.14 | 1344.65 |
| | Cost for 2.832 cum = a+b+c | | | | 4952.62 |
| | Rate per cum = (a+b+c+d)/2.83 | cum | | | 1750.04 |
| | TOTAL Rate per cum | Cum | | | 1750.04 |

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| SDB Sl. No. | DESCRIPTION | Unit | QTY | Rate | Amount in Rs |
|-------------|---|------|--------|---------|-----------------|
| 4.1 | Granular Sub-base with Well Graded Material (Table 400.1) (By mix in place method) For Grading II Material | | | | |
| | Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader 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 | | | | |
| (ii) | For Grading II Material | | | | |
| | Unit = cum | | | | |
| | Taking output = 300 cum | | | | |
| a) | Labour | | | | |
| | Mate | day | 0.40 | 304.00 | 121.60 |
| | Mazdoor (Skilled) | day | 2.00 | 370.00 | 740.00 |
| | Mazdoor (Unskilled) | day | 8.00 | 292.00 | 2336.00 |
| b) | Machinery | | | | |
| | Tractor mounted grader arrangement for grading @ 100 cum per hour | hour | 12.00 | 573.20 | 6878.40 |
| | Three wheel 80-100 kN static roller @ 10 cum per hour | hour | 12.00 | 803.00 | 9636.00 |
| | Tractor with Rotavator 25 cum per hour | hour | 12.00 | 573.20 | 6878.40 |
| | Water tanker 6 kl capacity | hour | 5.00 | 184.00 | 920.00 |
| c) | Material | | | | |
| | Well graded granular sub-base material as per Table 400.1 | | | | |
| | 26.5 mm to 9.5 mm @ 35 per cent | cum | 134.40 | 604.91 | 81299.90 |
| | 9.5 mm to 2.36 mm @ 25 per cent | cum | 96.00 | 582.80 | 55948.80 |
| | 2.36 mm below @ 40 per cent - Local Sand | cum | 153.60 | 514.58 | 79039.49 |
| | Water | ld | 30.00 | 40.00 | 1200.00 |
| | Cost of GSB for 300 cum | | | | 244998.59 |
| | A) Cost of GSB without carriage per cum | cum | | | 816.66 |
| e) | CARRIAGE | | | | |
| | Carriage for GSB material | Cum | 0.768 | 1187.62 | 912.10 |
| | Carriage for material below 2.36 mm (Local Sand) | Cum | 0.512 | 1187.62 | 608.06 |
| | Rate Per Cum | | | | 2336.82 |

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29/10/2021

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m/t/m

Material Statement and S.F.C calculation

NH80 near Champnala to Raghpur

| Sl. No. | Description of Work | material Details | unit | Per Unit Qty | Consumen d Qty | Rate of material | Total Rate | Total amount | 10% S.F amount |
|---------|-------------------------|---|------|-----------------|-------------------|---------------------|------------|-----------------|-------------------|
| 1 | Granular Sub base (GSB) | 53mm to 9.5 mm 9.5 mm to 2.36 coarse sand | Cum | 134.40 | | 604.91 | 81299.90 | | |
| | | | Cum | 96.00 | | 582.80 | 55948.80 | | |
| | | | Cum | 153.60 | | 514.58 | 79039.49 | | |
| | Cost of 300 Cum = A | | | | | 216288.19 | | | |
| | Rate per Cum - (A/300) | | | 169.30 | | 720.96 | 122060.44 | 12206.04 | |
| | | | | | | | Total Rs. | 12206.04 | |

10/29/10.2021
(419)
S. C.
11/10/10

Name of work -1

Situation of work –

Agency by which work is executed –

Date of measurement.

No. and date of agreement

(These four lines should be repeated and the commencement of the measurement relating to each work.)

| Particulars | Details of actual measurement | | | | Cpntsents or area |
|---|-------------------------------|----|----|----|----------------------|
| | No. | L. | B. | D. | |
| C.H. - 3054 | | | | | |
| N.W. - Repair of Road from NH-80 Near Champaanada to Raghupur | | | | | |
| Agency — | | | | | |
| Suppliers — | | | | | |
| Date of Measurement — | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

① Construction of B.I.G.B. plan

by grading-II

$$3 \times 30.0 \times 3.0 \times 0.15 = 40.50 \text{ m}^3$$

1 x 5.0 x 3.0 x 0.15 = 2.25 "

1 x 6.0 x 3.75 x 8:15 = 3.33 ..

18 25.9 23.8 28.1 18 = 7.88

$$1 \times 2 \times 8 \geq 2 \times 2 \times 2 \times 16 = 256$$

1 x 7 x 8 x 9 x 10 x 11 x 12 x

15 NOV 1962

$$1 \times 30.0 \times 2.0 \times 0.15 = 9.00 \text{ m}^3$$

1730.032.03015 = 9.000

(Continuation)

(Continuation) $Q_0 \cdot g_{\text{hy}} = 87.07 \text{ m}^3$

| Particulars | Details of actual measurement | | | | Contents or area |
|-------------|-------------------------------|------|------|----|--|
| | No. | L. | B. | D. | |
| | | | | | $B.F. \text{ Dumpy} = 87.87 \text{ m}^3$ |
| 1 | 11.0 | 2.0 | 0.15 | | $1 \times 11.0 \times 2.0 \times 0.15 = 4.95 \text{ ..}$ |
| 3 | 1.0 | 1.0 | 0.15 | | $3 \times 1.0 \times 1.0 \times 0.15 = 0.45 \text{ ..}$ |
| 1 | 12.0 | 2.80 | 0.15 | | $1 \times 12.0 \times 2.80 \times 0.15 = 5.04 \text{ ..}$ |
| 3 | 30.0 | 2.50 | 0.15 | | $3 \times 30.0 \times 2.50 \times 0.15 = 33.75 \text{ ..}$ |
| 2 | 15.0 | 2.50 | 0.10 | | $2 \times 15.0 \times 2.50 \times 0.10 = 7.50 \text{ ..}$ |
| 1 | 10.0 | 2.75 | 0.10 | | $1 \times 10.0 \times 2.75 \times 0.10 = 2.75 \text{ ..}$ |
| 1 | 5.0 | 2.0 | 0.10 | | $1 \times 5.0 \times 2.0 \times 0.10 = 1.00 \text{ ..}$ |
| 1 | 20.0 | 3.0 | 0.10 | | $1 \times 20.0 \times 3.0 \times 0.10 = 6.00 \text{ ..}$ |
| 1 | 1.0 | 1.0 | 0.10 | | $1 \times 1.0 \times 1.0 \times 0.10 = 1.00 \text{ ..}$ |
| 3 | 5.0 | 2.0 | 0.15 | | $3 \times 5.0 \times 2.0 \times 0.15 = 4.50 \text{ ..}$ |
| 2 | 10.0 | 3.0 | 0.15 | | $2 \times 10.0 \times 3.0 \times 0.15 = 9.00 \text{ ..}$ |
| | | | | | |
| | | | | | $2 \times 7.00 \times 3.00 \times 0.15 = 6.30 \text{ ..}$ |
| | | | | | 169.30 m^3 |

Bhawan
03/09/202121.31
3/9/2021

S.E.

Sch. XLV-Form No. 134

| Particulars | Details of actual measurement | | | | Contents or area |
|-------------------------|-------------------------------|----|----|----|------------------|
| | No. | L. | B. | D. | |
| <u>Abstract of cost</u> | | | | | |

① Const. of U.S.R. p/v by
grading-II etc.

169.30 m³ vide TMS. P-2

@ Rs. 2236.82/m³ — Rs. 395624/-

Rs. 395624.00

Add (127.65 + 1.1 Labour
etc) = 128.7 m³ ; Rs. 51421.00

Rs. 447055.00

Seigniorage fee @ 10%.

(i) U.S.R. Grading-II — 169.30 m³

@ Rs. 2236.82/m³ x 10% = Rs. 2236.82/-

Rs. 45926.00

✓
25
1512.201 ~~1514.4~~
9.7%
^

Material statement:

(i) Metal — 120.00 m³

(ii) Local sand — 86.68 m³

✓
25
1512.201 ~~1514.4~~
9.7%
^

(Continuation)

✓ 21

1208

| Sl. No | Name Of District | Name of Work Division | Road Name | Head/ Scheme | Hold Status (Complete/ Ongoing) | Whether Is In Maintenance Period(Y/N) | Length Of The Road (KM) | Damaged Part Due To Flood | Length Of Restoration | Amount Of Restoration | Remarks |
|--------|------------------|-----------------------|--|--------------|---------------------------------|---------------------------------------|-------------------------|---------------------------|-----------------------|-----------------------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |
| 1 | | | NH-80 To Bhawalpur | Complete | No | 1.57 | 300M | 2.29 Lacs | | | |
| 2 | | | RJD Road Hiridaspur To Deharpur | Complete | Yes | 4 | 300M | | 1.5 Lacs | | |
| 3 | | | RJD Road To Raghpur | Complete | No | 3.66 | 141M | | 6.3 Lacs | | |
| 4 | | Bhagulpur | 1.036 To Ganga Prasad | Complete | No | 4.71 | 57M | | 2.12 Lacs | | |
| 5 | | | RWD Road Mankulipur More To Bhutan Raisulpur | Complete | No | 1.909 | 30M | | 1.90 Lacs | | |
| 6 | | | NH-80 Near Champauli To Raghpur | Ongoing | Yes | 3.9 | 403.5M | | 4.59 Lacs | | |

W.W. (Works) Division
Bhagalpur
Executive Engineer
W.W. (Works) Division
Bhagalpur

Sub Division Nalhati
Ghatalpur
IWW (Works) Division

Executive Engineer
HWD (Works) Division
Bharatpur

Sub Division Mathnag
Bhagulpur
J.I
RWD (Works) Division

RWD (Works) Division
Bhagulpur
Sub Division Kathnagar

Rural Works Department, Works Division, Bhagalpur

Photographs of Flood affected Road

Name of Road : NH80 near Champanala to Raghpur

Length (Km) : 3.900



29/10/21
J.C

YB
29/10/2021

43.

W
29/10/21

Rural Works Department, Works Division, Bhagalpur

Photographs of Flood affected Road

Name of Road : NH80 near Champanala to Raghpur

Length (Km) : 3.900



Latitude: 25.243998
Longitude: 86.914233
Elevation: 51.31±3 m
Accuracy: 3.8 m
Time: 11-02-2021 14:18

Powered by PhotoSight



Latitude: 25.243355
Longitude: 86.918524
Elevation: 42.06±5 m
Accuracy: 7.1 m
Time: 11-02-2021 14:20

Powered by PhotoSight

29/10/21
J.E.

W.M.W

Rural Works Department, Works Division, Bhagalpur

Photographs of Flood affected Road

Name of Road : NH80 near Champanala to Raghpur

Length (Km) : 3.900



29/10/21
J.C.

29/10/21

Rural Works Department, Works Division, Bhagalpur

Photographs of Flood affected Road

Name of Road : NH80 near Champanala to Raghpur

Length (Km) : 3.900



29/10/21
T.E.

29/10/21

Rural Works Department, Works Division, Bhagalpur

Photographs of Flood affected Road

Name of Road : NH80 near Champanala to Raghpur

Length (Km) : 3.900



22/10/2011
J.E.

Rural Works Department, Works Division, Bhagalpur

Photographs of Flood affected Road

Name of Road : NH80 near Champanala to Raghpur

Length (Km) : 3.900



27/11/93
T.E.

Rural Works Department, Works Division, Bhagalpur

Photographs of Flood affected Road

Name of Road : NH80 near Champanala to Raghpur

Length (Km) : 3.900



29/11/23
J.C.

✓ 11/12/23