



# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

## ESTIMATE FOR FLOOD DAMAGED REPAIR

### Bihar(बिहार)Map



Name of the Road :-

*Pratap Pur Sadai Bigha*  
T04 ~~To Sadai Bigha (Pratap Pur)~~

|                                  |   |                   |     |
|----------------------------------|---|-------------------|-----|
| DISTRICT                         | : | Lakhisarai        |     |
| DIVISION                         | : | Lakhisarai        |     |
| BLOCK                            | : | Barahiya          |     |
| TOTAL LENGTH OF ROAD             | : | <i>8 4060 375</i> | KM  |
| PART-A TOTAL COST OF RESTORATION | : | 12.155            | Lac |
| TOTAL COST OF PROJECT            | : | 12.155            | Lac |

Submitted By:

Executive Engineer

RWD WORKS DIVISION

Lakhisarai

## स्थल निरीक्षण प्रतिवेदन

वर्ष 2021-22 के बाढ़ में क्षतिग्रस्त पथों में कराये गए मोटरेबुल कार्य की जाँच।

पथ का नाम :- T04\_ प्रतापपुर से सदायबिगहा

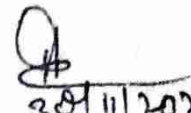
पथ की लम्बाई :- 3.250 कि०मी०

प्राक्कलित राशि :- 12.155/- लाख

अधीक्षण अभियंता, ग्रामीण कार्य विभाग, कार्य अंचल, मुंगेर के पत्रांक 1162 दिनांक 16.11.2021 द्वारा प्राप्त निदेश के अनुपालन में आज दिनांक 21.11.2021 को ग्रामीण कार्य विभाग, कार्य प्रमंडल, लखीसराय के अधीन बाढ़ से क्षतिग्रस्त पथ का निरीक्षण सहायक अभियंता श्री लौडिक प्रसाद राय के साथ वर्ष 2021-22 में बाढ़ में क्षतिग्रस्त पथ का कराये गए मोटरेबुल कार्य का स्थल निरीक्षण किया। जाँच के समय कार्य प्रमंडल, लखीसराय के सहायक अभियंता श्री संदीप कुमार एवं श्री ब्रजेश कुमार सिंह, कनीय अभियंता श्री श्याम सुन्दर प्रसाद एवं श्री रंजीत कुमार उपस्थित रहे।

उक्त पथ के निरीक्षण के दौरान पाया गया कि पथ में बने बड़े गड्ढों में Moorum से भरकर उसके उपर G.S.B. (Gr.II) (जगह-जगह 200mm एवं 150mm मुटाई में) डालकर सम्पीडन का कार्य कराया गया है, जिसका शत प्रतिशत जाँच किया गया है, एवं उक्त पथ के प्राक्कलन एवं मापीपुस्त में दर्ज की गई मापी को कार्य स्थल के अनुसार पाया।

  
सहायक अभियंता  
ग्रा०का०वि०, कार्य प्रमं०  
खड़गपुर-तारापुर

  
कार्यपालक अभियंता  
ग्रा०का०वि०, कार्य प्रमं०  
खड़गपुर-तारापुर

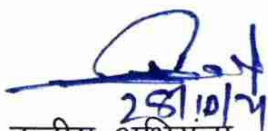
## तकनीकी प्रतिवेदन

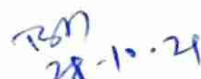
पथ का नाम :- T04\_ प्रतापपुर से सदायबिगहा

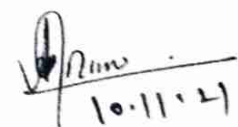
पथ की लम्बाई :- 3.250 कि०मी०

प्राक्कलित राशि :- 12.155 / - लाख

उपर्युक्त पथ को मोटरेबुल करने हेतु मरम्मत का प्राक्कलन, माह अगस्त 2021 में हुई भारी बारिश एवं बाढ़ से पथ कई दिनों तक पथ पानी में डूबा हुआ था एवं बाढ़ का पानी बहाव होने से बड़े-बड़े आकार का Pot holes बन गया था, एवं पथ में कटाव भी हो गया था। उक्त पथ लखीसराय जिला के बड़हिया प्रखण्ड में पड़ता है। बाढ़ आने के कारण पूरा प्रखण्ड जलमग्न हो गया था, जिस कारण इस पथ काफी क्षतिग्रस्त हुआ। सचिव महोदय, ग्रामीण कार्य विभाग, बिहार, पटना का पत्रांक- मु०अ०-4(मु०) विविध कार्य-23-60/2020-1937 दिनांक 07.07.2021 द्वारा प्राप्त निदेश के अनुसार क्षतिग्रस्त पथांश का फोटोग्राफ State MIS पर अपलोड करने के पश्चात् पथ का मोटरेबुल कार्य पूर्ण कराकर निदेशानुसार फोटोग्राफ State MIS पर अपलोड करने के उपरान्त कराये गए कार्यों को मापी पुस्त में दर्ज कराकर प्राक्कलन तैयार किया गया है। प्रस्तुत प्राक्कलन अद्यतन अनुसूचित दर एवं सामग्रियों के औसत लीड के आधार पर बनाया गया है। पथ में बने बड़े गड्ढों को G.S.B. (Gr.II) (जगह-जगह 150mm - 200mm की मुटाई में) भरकर सम्पीडन किया गया एवं पथ को मोटरेबुल कराया गया, जिसका तकनीकी अनुमोदन अपेक्षित है।

  
28/10/21  
कनीय अभियंता

  
28-10-21  
सहायक अभियंता

  
10.11.21  
कार्यपालक अभियंता  
ग्रामीण कार्य विभाग,  
कार्य प्रमंडल, लखीसराय।



# ESTIMATE FOR FLOOD DAMAGED REPAIR

NAME OF ROAD :

T04 ~~Sadaibigha (Pratappur)~~ *Pratap pur Sadaibigha*

DISTRICT

Lakhisarai

BLOCK

Barahiya

DIVISION

Lakhisarai

LENGTH OF ROAD (in Km)

4.060

CD STRUCTURES

| Sl. No. | DESCRIPTION                          | AMOUNT (LAKHS) |
|---------|--------------------------------------|----------------|
| PART-A  | RESTORATION COST                     |                |
| 1       | Type B ( First Class ) Bedding       | 5.733          |
| 2       | GSB GR-II                            | 4.795          |
|         | SUB TOTAL OF Restoration             | 10.528         |
|         | LABOUR CESS 1% of cost               | 0.105          |
|         | GST 12 % of cost                     | 1.263          |
|         | SEIGNORAGE FEE @ 10 % on Minor Mines | 0.258          |
|         | TOTAL OF Restoration                 | 12.155         |
|         | TOTAL COST OF PROJECT IN LACS =      | 12.155         |

*Deduct Contractors profit 9.1% = - 1.106 Lakh*

*Total = Rs. 11.049 Lakh*

*RK*  
28/10/2021  
JE  
RWD

*SD*  
28.10.21  
AE  
RWD

*SD*  
28.10.21  
EE  
RWD

*SD*  
10/11/2021  
RWD

T.S Amount

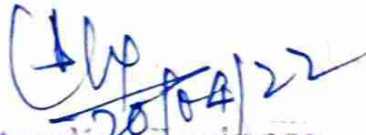
Construction Cost: Rs. 12.155 lakh  
Deduct Contractor Profit 9.1% = Rs. 1.106 lakh

Total = Rs. 11.049 lakh

Ref. E.E. Letter No. 548 dt. 18.4.2022

Technically Sanctioned for Rs. 11.049 lakh

(Rupees Eleven lakh Four  
thousand nine hundred) Only.  
for construction work & 5 Years Maintenance

  
20/04/22  
Superintending Engineer  
Rural Works Department  
Works Circle, Munger

  
20/04/2022

| Sl. No.                                                 | SDB SL. NO | MORD Ref.No | Description                                                                                                                                                                                                                                                                                                              | Unit | NOS | LENGTH | WIDTH | HEIGHT | QUANTITY | RATE                                                | AMOUNT (in Rs.)     |
|---------------------------------------------------------|------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|--------|-------|--------|----------|-----------------------------------------------------|---------------------|
| <b>Sub Head : PAVEMENT LAYERS - GSB &amp; WBM ITEMS</b> |            |             |                                                                                                                                                                                                                                                                                                                          |      |     |        |       |        |          |                                                     |                     |
| <b>1</b>                                                |            | <b>1100</b> | <b>Type B ( First Class ) Bedding</b>                                                                                                                                                                                                                                                                                    |      |     |        |       |        |          |                                                     |                     |
|                                                         |            |             | Laying (First Class) bedding on well compacted sand, moorum or approved granular material as per Clause 1105 (ii)                                                                                                                                                                                                        |      |     |        |       |        |          |                                                     |                     |
|                                                         |            |             | <b>Qty as per Measurement</b>                                                                                                                                                                                                                                                                                            | cum  |     |        |       |        | 524.14   |                                                     |                     |
|                                                         |            |             |                                                                                                                                                                                                                                                                                                                          |      |     |        |       |        | 524.14   | 1,093.81                                            | 5,73,308.00         |
| <b>2</b>                                                | <b>4.1</b> | <b>401</b>  | <b>Granular Sub-base with Well Graded Material (Table 400.1)</b>                                                                                                                                                                                                                                                         |      |     |        |       |        |          |                                                     |                     |
|                                                         |            | <b>(ii)</b> | <b>For Grading II Material</b>                                                                                                                                                                                                                                                                                           |      |     |        |       |        |          |                                                     |                     |
|                                                         |            |             | 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. |      |     |        |       |        |          |                                                     |                     |
|                                                         |            |             | <b>Qty as per Measurement</b>                                                                                                                                                                                                                                                                                            | Cum  |     |        |       |        | 310.55   |                                                     |                     |
|                                                         |            |             | <b>Net GSB Qty</b>                                                                                                                                                                                                                                                                                                       |      |     |        |       |        | 310.55   | 1,543.92                                            | 4,79,464.00         |
|                                                         |            |             |                                                                                                                                                                                                                                                                                                                          |      |     |        |       |        |          | <b>TOTAL =</b>                                      | <b>10,52,772.00</b> |
|                                                         |            |             |                                                                                                                                                                                                                                                                                                                          |      |     |        |       |        |          | <b>TOTAL COST OF PAVEMENT IN RS. (A+B+C+D+E+F)=</b> | <b>10,52,772.00</b> |

*P.K.*  
25/10/2021

JE  
RWD

*P.K.*  
25.10.21

AE  
RWD

*P.K.*  
10.11.2021

EE  
RWD

## Pot Measurement GSB Gr-II

Name of Road:- T04 To Sadaibigha (Pratappur)

| Nos. | Length (m) | Width (m) | Thickness (m) | Qty. (Cum.) |
|------|------------|-----------|---------------|-------------|
| 1    | 15         | 2         | 0.15          | 4.5         |
| 1    | 11         | 2.5       | 0.15          | 4.13        |
| 1    | 22         | 1.75      | 0.15          | 5.78        |
| 5    | 7          | 3.75      | 0.15          | 19.69       |
| 6    | 8          | 3         | 0.15          | 21.6        |
| 4    | 12         | 3         | 0.15          | 21.6        |
| 8    | 9          | 3         | 0.15          | 32.4        |
| 4    | 11         | 3.75      | 0.15          | 24.75       |
| 4    | 9          | 3.75      | 0.15          | 20.25       |
| 6    | 8          | 3         | 0.15          | 21.6        |
| 4    | 9          | 3         | 0.15          | 16.2        |
| 10   | 6          | 3         | 0.15          | 27          |
| 8    | 8          | 3         | 0.15          | 28.8        |
| 18   | 8          | 2.88      | Total         | 310.55      |

248.3

*PK*  
28/10/21  
JE

*TK*  
28.10.21  
AE

## Pot Measurement Moorum

Name of Road:- T04 To Sadaibigha (Pratappur)

| Nos. | Length (m) | Width (m) | Thickness (m) | Qty. (Cum.) |
|------|------------|-----------|---------------|-------------|
| 1    | 15         | 2         | 0.3           | 9           |
| 1    | 11         | 2.5       | 0.45          | 12.38       |
| 1    | 22         | 1.75      | 0.3           | 11.55       |
| 5    | 7          | 3.75      | 0.45          | 59.06       |
| 6    | 8          | 3         | 0.3           | 43.2        |
| 4    | 12         | 3         | 0.3           | 43.2        |
| 8    | 9          | 3         | 0.3           | 64.8        |
| 4    | 11         | 3.75      | 0.2           | 33          |
| 4    | 9          | 3.75      | 0.45          | 60.75       |
| 6    | 8          | 3         | 0.3           | 43.2        |
| 4    | 9          | 3         | 0.3           | 32.4        |
| 10   | 6          | 3         | 0.3           | 54          |
| 8    | 8          | 3         | 0.3           | 57.6        |

Total

524.14

*RK*  
28/10/2024  
J.E

*BN*  
28.10.21  
AE



Name of Road :-

T04 To Sadaibigha (Pratappur)

SEIGNIORAGE FEE

| Material             | Unit | Quantity | Basic rate | Amount    | Seigniorage fee |
|----------------------|------|----------|------------|-----------|-----------------|
| Earth                | m3   | 0.00     | 34.82      | 0.00      | 0.00            |
| GSB 26.5-9.5         | m3   | 139.13   | 604.91     | 84158.95  | 8415.90         |
| GSB 9.5-2.36         | m3   | 99.38    | 514.58     | 51136.90  | 5113.69         |
| Local sand           | m3   | 159.00   | 141.85     | 22554.38  | 2255.44         |
| Coarse sand / Moorum | m3   | 628.97   | 159.97     | 100616.01 | 10061.60        |
|                      |      |          |            | 258466.24 | 25846.62        |

  
28/10/2021  
JE

  
28.10.21  
AE

  
10.11.2021  
EE

Name of Road

T04 To Sadaibigha (Pratappur)

| Sl. No. | Description                              | Unit | Quantity | Material Analysis (Minor Mines) |            |              |              |            |              |                |        | Stone Aggs | Stone spalls | Coarse sand / Moorum |
|---------|------------------------------------------|------|----------|---------------------------------|------------|--------------|--------------|------------|--------------|----------------|--------|------------|--------------|----------------------|
|         |                                          |      |          | Earth                           | GSB 53-9.5 | GSB 26.5-9.5 | GSB 9.5-2.36 | Local sand | agg 9.5-4.75 | agg 4.75 below | agg 40 | agg 20     | agg 10       |                      |
| 2       | GSB Grading II                           | m3   | 310.55   |                                 |            | 139.13       | 99.376       | 159.00     |              |                |        |            |              |                      |
| 11      | Type B ( First Class ) Bedding by Moorum | m3   | 524.14   |                                 |            |              |              |            |              |                |        |            |              | 628.968              |
|         |                                          |      |          | 0.00                            | 0.00       | 139.13       | 99.38        | 159.00     | 0.00         | 0.00           | 0.00   | 0.00       | 0.00         | 628.97               |

*P.R.*  
28/10/2024  
J.E

*16/28.10.21*  
A.E

*10/11/2024*  
E/E

# Analysis for Carriage by Road & Rail

Name of Road:-- T04 To Sadaibigha (Pratappur)

District:-- Lakhsisarai

Block :- Barahiya

| Sl No | Item with Source         | Unit     | Source Up to | Carriage Cost & Lead in Km                                                  |                                                                            |        |  |  | Loading & Unloading Cost | Carriage Cost by Rail Head | Total       |
|-------|--------------------------|----------|--------------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------|--------|--|--|--------------------------|----------------------------|-------------|
|       |                          |          |              | Pucka / Surface                                                             |                                                                            | Katcha |  |  |                          |                            |             |
| 1     | Stone Metal Gr-I & Gr-II | Cum      | Sheikhpura   | $\frac{8.00}{4.59} \times 7.94 \times 50.00 \text{ Km} = \text{Rs } 691.94$ | $\frac{8.00}{4.59} \times 19.23 \times 0.00 \text{ Km} = \text{Rs } 0.00$  |        |  |  | 210.23                   |                            | Rs. 902.17  |
| 2     | Stone Metal Gr-III / GSB | Cum      | Sheikhpura   | $\frac{8.00}{4.99} \times 7.94 \times 50.00 \text{ Km} = \text{Rs } 636.47$ | $\frac{8.00}{4.99} \times 19.23 \times 0.00 \text{ Km} = \text{Rs } 0.00$  |        |  |  | 210.23                   |                            | Rs. 846.70  |
| 3     | Stone Aggregate / Chips  | Cum      | Sheikhpura   | $\frac{8.00}{4.99} \times 7.94 \times 17.00 \text{ Km} = \text{Rs } 216.40$ | $\frac{8.00}{4.99} \times 19.23 \times 0.00 \text{ Km} = \text{Rs } 0.00$  |        |  |  | 210.23                   | 1358.11                    | Rs. 1784.74 |
| 4     | Stone Boulder            | Cum      | Sheikhpura   | $\frac{8.00}{4.80} \times 7.94 \times 50.00 \text{ Km} = \text{Rs } 661.67$ | $\frac{8.00}{4.80} \times 19.23 \times 0.00 \text{ Km} = \text{Rs } 0.00$  |        |  |  | 210.23                   |                            | Rs. 871.90  |
| 5     | Coarse Sand              | Cum      | Kiul River   | $\frac{8.00}{4.99} \times 7.94 \times 35.00 \text{ Km} = \text{Rs } 445.53$ | $\frac{8.00}{4.99} \times 19.23 \times 1.00 \text{ Km} = \text{Rs } 30.83$ |        |  |  | 113.70                   |                            | Rs. 590.06  |
| 6     | Binding Material/Moorum  | Cum      | Sheikhpura   | $\frac{8.00}{6.00} \times 7.94 \times 50.00 \text{ Km} = \text{Rs } 529.33$ | $\frac{8.00}{6.00} \times 19.23 \times 0.00 \text{ Km} = \text{Rs } 0.00$  |        |  |  | 113.70                   |                            | Rs. 643.03  |
| 7     | Local Sand               | Cum      | Local        | $\frac{8.00}{4.99} \times 7.94 \times 2.00 \text{ Km} = \text{Rs } 25.46$   | $\frac{8.00}{4.99} \times 19.23 \times 1.00 \text{ Km} = \text{Rs } 30.83$ |        |  |  | 113.70                   |                            | Rs. 169.99  |
| 8     | Brick                    | 1000 Nos | Local        | $\frac{8.00}{2.00} \times 7.94 \times 7.00 \text{ Km} = \text{Rs } 222.32$  | $\frac{8.00}{2.00} \times 19.23 \times 1.00 \text{ Km} = \text{Rs } 76.92$ |        |  |  | 477.52                   |                            | Rs. 776.76  |

\* Subjected to Verification of Lead

Cost of Haulage Excluding Loading & Unloading as per SOR

| Type of Road          | Per Ton. Km by Tipper | Per Ton. Km by Truck |
|-----------------------|-----------------------|----------------------|
| For Surface Road      | 10.10                 | 7.94                 |
| Unsurface Gravel Road | 12.10                 | 9.56                 |
| Kachha Road           | 24.30                 | 19.23                |

*[Signature]*  
28/10/2021  
JE  
RWD

*[Signature]*  
28.10.21  
AE  
RWD

*[Signature]*  
10.11.2021  
EF  
RWD

## Analysis for Carriage Through Railway from Quarry Site to Work Site

### Mirzachawki to Kiul

#### Material -Stone Aggregate / Chips

Quarry Site to Mirzachawki Railway Yard (By Road)

|                         |   |                     |   |       |   |         |   |           |
|-------------------------|---|---------------------|---|-------|---|---------|---|-----------|
| Pucka / Surface         | = | $\frac{8.00}{4.99}$ | x | 7.94  | x | 4.00 Km | = | Rs 50.92  |
| Un-surfaced Gravel Road | = | $\frac{8.00}{4.99}$ | x | 9.56  | x | 0.00 Km | = | Rs 0.00   |
| Kachha Road             | = | $\frac{8.00}{4.99}$ | x | 19.23 | x | 0.00 Km | = | Rs 0.00   |
| Loading & Unloading     | = |                     |   |       |   |         | = | Rs 210.23 |

(i) Total "A" = Rs 261.15

Mirzachawki Railway Yard to Kiul Railway Yard = 157.00 Km

|                                                     |   |          |           |   |           |   |           |
|-----------------------------------------------------|---|----------|-----------|---|-----------|---|-----------|
| Railway freight charge from Mirzachawki Railway     | = | For 1 MT | 157.00 Km | = | Rs 316.10 | = | Rs 316.10 |
| Busy Season charge 12% of Railway freight charge    | = | For 1 MT |           | = | 12%       | = | Rs 37.93  |
| Railway Development Charge to 5% of Railway freight |   | For 1 MT |           | = | 5%        | = | Rs 15.81  |
| Railway Terminal Charge Rs 40/- Per Tonne Per       |   | For 1 MT | 2         | x | Rs 40.00  | = | Rs 80.00  |
| Sub-Total                                           | = | For 1 MT |           | = |           | = | Rs 449.84 |
| Add GST 1%                                          |   |          |           |   |           |   | Rs 0.00   |
| Total                                               | = | For 1 MT |           | = |           | = | Rs 449.84 |

|                                 |     |                           |   |                  |   |           |
|---------------------------------|-----|---------------------------|---|------------------|---|-----------|
| Rate for Railway freight Charge | "B" | For 1 Cum                 | = | Rs 449.84 x 1.60 | = | Rs 719.75 |
|                                 |     | Add 12% Overhead          | = | 12%              | = | Rs 86.37  |
|                                 |     | Add 10% Contractor Profit | = | 10%              | = | Rs 80.61  |

|                                                |   |           |   |                                             |
|------------------------------------------------|---|-----------|---|---------------------------------------------|
| (ii) Gross Rate for Railway freight Charge     | = | For 1 Cum | = | Rs 886.73                                   |
| (iii) Loading & Unloading Cost                 | = | For 1 Cum | = | Rs 210.23                                   |
| Carriage Cost from Quarry to Kiul Railway Yard |   |           |   |                                             |
| (i) + (ii) + (iii)                             | = | For 1 cum | = | Rs 261.15 + Rs 886.73 + Rs 210.23 = 1358.11 |









Latitude: 25.228906  
Longitude: 86.030634  
Elevation: 50.35±101 m  
Accuracy: 3.8 m  
Time: 28-08-2021 15:29  
Note: ~~CONFIDENTIAL TO GOVERNMENT~~



Latitude: 25.227543  
Longitude: 86.030213  
Elevation: 42.22±104 m  
Accuracy: 4.5 m  
Time: 28-08-2021 15:31  
Note: ~~CONFIDENTIAL TO GOVERNMENT~~





Tib. r. *Andros. m. g. x. d.*

RECEIVED

Rev D (w) Lachis Street  
**DIVISION**

Barfiya

ADVISORY DIVISION

Date - 11-10-2021

# MEASUREMENT BOOK

M.B.N.O.—



Name of Work-  
 Situation of Work-  
 Agency by which work is executed-  
 Date of Measurement-  
 No. and date of agreement

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

| Particulars                   | Details of actual measurement |    |    |    | Contents of area |
|-------------------------------|-------------------------------|----|----|----|------------------|
|                               | No.                           | L. | B. | D. |                  |
| N/W: - Moterablo f road       |                               |    |    |    |                  |
| To 4 to Sadai Bzha damap      |                               |    |    |    |                  |
| Gap flood road                |                               |    |    |    |                  |
| Block - Badaliy               |                               |    |    |    |                  |
| Agcy - Deforestation          |                               |    |    |    |                  |
| Part                          |                               |    |    |    |                  |
| Detail of work - PN 1/1000 ft |                               |    |    |    |                  |
| in part 1/1000 ft             |                               |    |    |    |                  |
|                               | No                            | m  | m  | m  | sq               |
|                               | 1                             | 15 | 2  | 30 | = 915            |
|                               | 1                             | 11 | 2  | 15 | = 12,384         |
|                               | 1                             | 22 | 1  | 75 | = 11,55          |
|                               | 5                             | 7  | 3  | 75 | = 59,06          |
|                               | 6                             | 8  | 3  | 30 | = 43,20          |
|                               | 4                             | 12 | 3  | 15 | = 43,20          |
|                               | 8                             | 9  | 3  | 15 | = 64,80          |
|                               | 4                             | 11 | 3  | 75 | = 33,00          |
|                               | 4                             | 9  | 3  | 75 | = 60,75          |
|                               | 6                             | 8  | 3  | 30 | = 43,20          |
|                               | 4                             | 9  | 3  | 30 | = 32,40          |
|                               | 10                            | 6  | 3  | 30 | = 54,00          |
|                               | 8                             | 8  | 3  | 30 | = 57,60          |
|                               |                               |    |    |    | 524,14           |

[illegible]





