

MR-3054- 2018 New Maint. Policy.

Schedule XLV-Form No. 134

Lakhisarai Shikhpura Road to Nadiyawan

S.B. Engicom Pvt. Ltd. Package No- MR.N/22.23 /02

DIVISION

Agg NO - 29/MBD/2022-23

Start Date - 21/12/2022

SUB-DIVISION

End Date - 20/09/2023

MB.No. - 789

MEASUREMENT BOOK

Sch. XLV—Form No. 134

DIVISION

SUB-DIVISION

Measurement Book

No. 789

प्रमाणित किया जाता है कि इस भाषी
पुस्तक में कुल 100 (सौ) पन्ने हैं

Name of Officer

जो सहा. अभि. कार्य अथवा प्रम. कार्य

श. ग. न. के नाम निर्धारित

Date of first entry

Date of last entry

Executive Engineer

RWD Works Division, Lakhisarai

Rakshak
18/09/2013

Name of work—

Situation of work—

Agency by which work is executed—

Date of measurement—

No. and date of agreement.

Those four lines should be repeated at the commencement of the measurements relating to each work.)

the measurements relating to each work					
Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
Name of work -	Lakhisarai Sheikhpura				
Road to	Nadiyawan				
Agency -	S.B. Engicon Pvt Ltd.				
Agreement No. -	29 MBO of 2022-23				
Start date -	21-12-2022				
Date of Completion -	20-09-2023				
Date of measurement -	10-04-2023				
	Receded measurement				

① Clearing and Grubbing road

land etc. All Comp.

$$2 \times 20 \times 30 \times 2.0 = 2400 \text{ m}^2$$

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$$2 \times 20 \times 30 \times 2.0 = 2400 \text{ m}^2$$

$$2 \times 16 \times 30 \times 2.0 = 1920 \text{ m}^2$$

$$2 \times 1 \times 20 \times 2.0 = 80 \text{ m}^2$$

$$14000 \text{ m}^2$$

$$1.42 \text{ Hect}$$

② Construction of embankment

With approved material etc. All Comp.

$$5 \times 30 \times \frac{6.12 + 5.92}{2} \times 0.300 = 270.50 \text{ m}^3$$

$$4 \times 30 \times \frac{5.92 + 6.14}{2} \times 0.300 = 217.08 \text{ m}^3$$

$$5 \times 30 \times \frac{6.14 + 6.05}{2} \times 0.300 = 244.24 \text{ m}^3$$

$$4 \times 30 \times \frac{6.05 + 5.98}{2} \times 0.300 = 216.54 \text{ m}^3$$

Continuation

Abstract of Cost

1st on A/c Bill

17

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
¹ / ₁ Clearing and grubbing road land					
etc. all Comp.					
Qty vide TMBP. ——— ①/①					
= 1492 Hect @ R. 5972618/Hect — R. 84811200					
² / ₂ Construction of embankment					
with approved material etc. all Comp.					
Qty vide TMBP. ——— ②/②					
= 1530 m ³ @ R. 25019/m ³ — R. 382791200					
³ / ₃ Construction of subgrade and					
earthen shoulder etc. all Comp.					
Qty vide TMBP. ——— ③/③					
= 203552 m ³ @ R. 25356/m ³ — R. 516076200					
⁴ / ₅ Construction of GSB Gr. etc.					
all Comp.					
Qty vide TMBP. ——— ④/④					
= 961.23 m ³ @ R. 204425/m ³ — R. 1967818200					
⁵ / ₆ p/L Spreading and Compacting					
WBM Gr. 3 etc. all Comp.					
Qty vide TMBP. ——— ⑤/⑤					
= 449.29 m ³ @ R. 278112/m ³ — R. 1249529200					
⁶ / ₇ p/A primer Coat with bitumen					
emulsion etc. all Comp.					
Qty vide TMBP. ——— ⑥/⑥					
= 5810.44 m ² @ R. 5948/m ² — R. 345864200					
⁷ / ₈ patch work over WBM using					
MSS etc. all Comp.					

Continuation

C/o R. 4544889200

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty vide TMBP. ——— (11)/(37)					
= 5868.57 m ² @ R. 299.27/m ² — R. 1762858.00					
8/9 p/a back Coat with bitumen emulsion etc. all Comp.					
Qty vide TMBP. ——— (12)/(38)					
= 5868.57 m ² @ R. 20.14/m ² — R. 118193.00					
9/10 p/l Semi-dense bituminous Concrete etc. all Comp.					
Qty vide TMBP. ——— (13)/(39)					
= 208.51 m ³ @ R. 13175.48/m ³ — R. 2744168.00					
10/11 Construction of dry lean Cement Concrete etc. all Comp.					
Qty vide TMBP. ——— (14)/(40)					
= 45.54 m ³ @ R. 6001.77/m ³ — R. 273557.00					
11/12 Construction of un-reinforced pcc pavement etc. all Comp.					
Qty vide TMBP. ——— (15)/(41)					
= 627.91 m ² @ R. 7405.52/m ² — R. 4648734.00					
12/13 RCC mis grade 15m stone					
Qty vide TMBP. ——— (16)/(42)					
= 5 nos. @ R. 2555.40/no. — R. 12777.00					
13/14 RCC mis grade 20cm stone					
Qty vide TMBP. ——— (17)/(43)					
= 14 nos. @ R. 730.23/no. — R. 10223.00					
14/15 Direction and place identification Signs etc. all Comp.					
Qty vide TMBP. ——— (18)/(44)					

Continuation

C/O R. 13803169.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$= 1.92 \text{ m}^2 @ \text{Rs. } 14902.25/\text{m}^2$ — Rs. 28614.00					
$\frac{15}{16}$ 600mm equilateral triangle					
Qty vide TMBP. — (15)/(57)					
$= 18 \text{ Nos. } @ \text{Rs. } 4327/\text{No.}$ — Rs. 78066.00					
$\frac{16}{17}$ 600mm Circular					
Qty vide TMBP. — (15)/(47)					
$= 11 \text{ Nos. } @ \text{Rs. } 4238.11/\text{No.}$ — Rs. 46619.00					
$\frac{17}{18}$ 600mm x 450mm rectangular					
Qty vide TMBP. — (15)/(48)					
$= 4 \text{ Nos. } @ \text{Rs. } 4092.95/\text{No.}$ — Rs. 16372.00					
$\frac{18}{19}$ 900mm octagon shop board					
Qty vide TMBP. — (15)/(39)					
$= 2 \text{ Nos. } @ \text{Rs. } 2000.14/\text{No.}$ — Rs. 3972.2800					
$\frac{19}{20}$ RCC m/s grade boundary pillars					
Qty vide TMBP. — (15)/(50)					
$= 16 \text{ Nos. } @ \text{Rs. } 710.14/\text{No.}$ — Rs. 11362.00					
$\frac{20}{22}$ planting of trees and their maintenance etc. all Comp					
Qty vide TMBP. — (15)/(51)					
$= 33 \text{ Nos. } @ \text{Rs. } 1022.53/\text{No.}$ — Rs. 36653.00					
$\frac{21}{23}$ p/L of hot applied thermo-plastic Compound etc. all Comp.					
Qty vide TMBP. — (15)/(52)					
$= 440 \text{ m}^2 @ \text{Rs. } 828.79/\text{m}^2$ — Rs. 36446.00					
$\frac{22}{24}$ p/L of hot applied thermo-plastic Compound etc. all Comp.					
Qty vide TMBP. — (16)/(53)					

Continuation

C/o Rs. 14427629.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$= 258 \text{ m}^2$ @ Pt. 925.94/m ² — Pt. 238767200					
$\frac{23}{25}$ p/f of 1250 of main drainage					
project etc. all Comp.					
Qty vide TMBP. — $\frac{10}{59}$					
$= 4 \text{ nos.} @ \text{Pt. } 12400.70/\text{no.} — \text{Pt. } 49603200$					
$\frac{24}{26}$ E/W in excavation for					
Structure etc. all Comp.					
Qty vide TMBP. — $\frac{2+3+4+5}{2+3+4+5+6}$					
$= 572.97 \text{ m}^3 @ \text{Pt. } 314.1/\text{m}^3 — \text{Pt. } 180147200$					
$\frac{25}{27}$ providing MIS as leveling					
Course etc. all Comp.					
Qty vide TMBP. — $\frac{2+3+4+5+6+7}{4+5+6+7+8+9}$					
$= 120 \text{ m}^3 @ \text{Pt. } 1901.22/\text{m}^3 — \text{Pt. } 228146400$					
$\frac{26}{28}$ p/L RCC pipe NO-3 etc.					
all Comp.					
Qty vide TMBP. — $\frac{2}{6}$					
$= 15 \text{ m} @ \text{Pt. } 6688.43/\text{m} — \text{Pt. } 99126200$					
$\frac{27}{29}$ painting two coats on new					
Concrete Surface etc. all Comp.					
Qty vide TMBP. — $\frac{5}{18}$					
$= 23.26 \text{ m}^2 @ \text{Pt. } 146.40/\text{m}^2 — \text{Pt. } 3405200$					
$\frac{28}{30}$ Sand filling in foundation					
trenches etc. all Comp.					
Qty vide TMBP. — $\frac{5}{10} + \frac{5}{20}$					
$= 51.62 \text{ m}^3 @ \text{Pt. } 550.45/\text{m}^3 — \text{Pt. } 28457200$					
$\frac{29}{31}$ plain/RCC m20 in Substructure					
etc. all Comp.					

Continuation

C/O Pt. 15794244200

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	

Qty vide TMSP. — $\frac{2+3+3+4+5+6}{5+11+12+17+23+29}$

= 279 m³ @ R. 6891/m³ — R. 1922634-00

$\frac{30}{32}$ providing Bitumen painting over

top surface etc. all Comp.

Qty vide TMSP. — $\frac{4}{13}$

= 15 m² @ R. 2019/m² — R. 302500

$\frac{31}{33}$ p/l RCC in Superstructure

(deck slab m²s) etc. all Comp.

Qty vide TMSP. — $\frac{4+6}{14+30}$

= 10.26 m³ @ R. 788060/m³ — R. 8085500

$\frac{32}{34}$ Supplying, fitting and placing

1450 bar etc. all Comp.

Qty vide TMSP. — $\frac{4+6+7}{15+26+31}$

= 6.592 m³ @ R. 7683718/m³ — R. 50589500

$\frac{33}{35}$ p/f joint sealing Compound

etc. all Comp.

Qty vide TMSP. — $\frac{4}{16}$

= 15 m @ R. 4521/m — R. 687000

$\frac{34}{36}$ providing weepholes in brick

masonry etc. all Comp.

Qty vide TMSP. — $\frac{5}{10}$

40 nos @ R. 132/100 — R. 528000

$\frac{35}{37}$ dismantling of existing structure

etc. all Comp.

Qty vide TMSP. — $\frac{7}{32}$

= 6.32 m³ @ R. 6444/m³ — R. 407100

Continuation

C/o R. 18315228-00

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
36 38 Dismantling of existing structure					
etc. all Comp.					
Qty vide TM BP. — (7/33)					
= 86.13 m ² @ B. 935.56/m ² — Rs. 80924-00					
37 39 Removing All type of H.P					
etc. all Comp.					
Qty vide TM BP. — (7/34)					
= 10m @ B. 209.04/m — Rs. 2090-00					
38 40 providing RCC on 202 Coping					
etc. all Comp.					
Qty vide TM BP. — (5/10)					
= 78.50 m ² @ B. 447.26/m ² — Rs. 35108-00					

Rs. 184333-00

Add 18% GST — Rs. 2211996-00

Add 1% Labour Cell — Rs. 184333-00

Seigniorage fee — Rs. 291393-00

Rs. 21121022-00

less for 15.55% below 22227020-00

as per agreement — Rs. 3284312-00

Rs. 17836703-00

Rs. 18770718-00

Drawn
14/10/23
JE

76
14/12/23
AB

CHP

AB

7/2/24

Continuation

18/10/23

Memo of Payment.

Rs. 1,87,70,718

23

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
Sod @ 5% - 938536					
To @ 2% - 187707					
Gst @ 1% - 187707					2229642
Land @ 1% - 187707					2417349
Gst @ 1% - 187707					
Quality - 2,48,885					
S.F. - 2,91,393					
Lab Pay - 16541076					16353369
Total = 18770718					
Payed Rs - 18770718					(one

Carora Eighty Seven Lakh
Seventy thousand Seven

hundred Eighteen) only.

Executive Engineer
RWD Works Division

Lakhisarai

Rakshit
7/2/24

7/2/24