

<sup>FDR-21-22</sup>  
Schedule XLV-Form No. 134 <sup>MB No-1524</sup>

BELHS TO KULHARIYA

SUPAUL \_\_\_\_\_ DIVISION

MARAUHA \_\_\_\_\_ SUB-DIVISION

**MEASUREMENT BOOK**

31/10/21

Date of first entry

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 measurements relating to each work.)

| Particulars                | Details of actual measurement |    |    |    | Contents of area |
|----------------------------|-------------------------------|----|----|----|------------------|
|                            | No.                           | L. | B. | D. |                  |
| Name of work — Restoration |                               |    |    |    |                  |
| of road from               |                               |    |    |    |                  |
| Bekhi to Kullair           |                               |    |    |    |                  |
| under FDR —                |                               |    |    |    |                  |
| 2021-22                    |                               |    |    |    |                  |
| Agency —                   |                               |    |    |    |                  |
| Authority — E.E RWD, Wazir |                               |    |    |    |                  |
| Division, Supair.          |                               |    |    |    |                  |
| Date of                    |                               |    |    |    |                  |
| Est. — 20/11/2021          |                               |    |    |    |                  |

1/2)

Laying bricks

bats — all complete

Job.

Ch. D. 201cm  $1 \times 5.50m \times 2.60 \times 0.30 = 4.290m^3$

Ch. 2.152m  $1 \times 10.70m \times (1.9 + 3.1 + 2.1 + 1.60)$

4

$\times (1.2 + 0.6 + 0.3) = 16.478m^3$

Ch. 2.1751cm  $1 \times 16.40m \times (0.9 + 1.8 + 1.2)$

3

$\times (1.5 + 0.6 + 0.3) = 17.058m^3$

Ch. 2.201cm  $2 \times 1.0m \times 1.0 \times 0.3 = 0.60m^3$

$1 \times 32.0m \times (1.0 + 1.7 + 2.4 + 2)$

4

$\times (1.4 + 1.2 + 1.0 + 0.4) = 57.120m^3$

Continuation

$95.544m^3$

## Sch. XLV—Form No. 134

| Sch. XLV—Form No. 134 |                               |        |                                                                               |      |                                   |
|-----------------------|-------------------------------|--------|-------------------------------------------------------------------------------|------|-----------------------------------|
| Particulars           | Details of actual measurement |        |                                                                               |      | Contents of area                  |
|                       | No.                           | L.     | B.                                                                            | D.   |                                   |
|                       |                               |        | B/F 44 =                                                                      |      | 95.544 m <sup>3</sup>             |
| Ct- 5.0147            | 1                             | 2.0 m  | 1.0                                                                           | 0.90 | 1.80 m <sup>3</sup>               |
|                       |                               | 11.0 m | $\times \left( \frac{2+11}{2} \right) \times$                                 |      |                                   |
|                       |                               |        | $\left( \frac{1.0+0.3+1.1}{3} \right) =$                                      |      | 14.960 m <sup>3</sup>             |
|                       |                               |        |                                                                               |      |                                   |
|                       |                               | 4.50 m | $\left( \frac{2+1.0+0.6}{3} \right)$                                          |      |                                   |
|                       |                               |        | $\times \left( \frac{1.1+0.6}{2} \right) =$                                   |      | 4.590 m <sup>3</sup>              |
|                       |                               | 6.0 m  | $\times \left( \frac{2+1+0.6}{3} \right)$                                     |      |                                   |
|                       |                               |        | $\times \left( \frac{1.1+0.6}{2} \right) =$                                   |      | 6.30 m <sup>3</sup>               |
|                       |                               | 4.0 m  | $\times \left( \frac{2+1+0.6}{3} \right)$                                     |      |                                   |
|                       |                               |        | $\times \left( \frac{1.1+0.6}{2} \right) =$                                   |      | 9.720 m <sup>3</sup>              |
|                       |                               | 2.50 m | $\times \left( \frac{2+1}{3} \right) \times \left( \frac{1+0.6}{2} \right) =$ |      | 4.20 m <sup>3</sup>               |
|                       |                               |        |                                                                               |      | Total 44 = 137.114 m <sup>3</sup> |
| 2/3)                  | Labour for cutting            |        |                                                                               |      |                                   |
|                       | 62mm to 75mm                  |        |                                                                               |      |                                   |
|                       | dia bamboo piles              |        |                                                                               |      |                                   |
|                       | on per lot                    |        |                                                                               |      |                                   |
|                       |                               | 10.70  | $\left( \frac{1 \times 10.70}{0.45} + 1 \right) \times 1.25 =$                |      | 30.972 m                          |
|                       |                               | 16.4   | $\left( \frac{1 \times 16.4}{0.45} + 1 \right) \times 1.25 =$                 |      | 46.806 m                          |
|                       |                               | 32.0   | $\left( \frac{1 \times 32.0}{0.45} + 1 \right) \times 1.25 =$                 |      | 90.139 m                          |
|                       |                               |        |                                                                               |      | Continuation 44 = 167.917 m       |

## Sch. XLV—Form No. 134

| Particulars | Details of actual measurement |                                  |    |                         | Contents of area                    |
|-------------|-------------------------------|----------------------------------|----|-------------------------|-------------------------------------|
|             | No.                           | L.                               | B. | D.                      |                                     |
|             |                               |                                  |    |                         | $B/E \text{ of } 167.917 \text{ m}$ |
|             |                               | $\frac{11.0}{0.45 + 1}$          |    | $\times 1.25 \text{ m}$ | $31.806 \text{ m}$                  |
|             |                               | $\frac{1 \times 4.50}{0.45 + 1}$ |    | $\times 1.25 \text{ m}$ | $13.750 \text{ m}$                  |
|             |                               |                                  |    |                         | $Q_2 = 213.472 \text{ m}$           |

3/5) Labour for fitting  
and fixing 75mm  
dia bamboo  
runner in Poles  
on Poles

$$7 \times 10.70 \text{ m} = 74.90 \text{ m}$$

$$7 \times 16.40 \text{ m} = 114.80 \text{ m}$$

$$11 \times 32.00 \text{ m} = 352.00 \text{ m}$$

$$4 \times 11.00 \text{ m} = 44.00 \text{ m}$$

$$4 \times 4.50 \text{ m} = 18.00 \text{ m}$$

$$Q_2 = 603.70 \text{ m}$$

4/6) Supply of bamboo  
at site

$$\left( \frac{\text{Bamboo pile}}{1.25} \times 3.0 \right)$$

$$+ (\text{Bamboo runner})$$

$$= \left( \frac{213.472}{1.25} \times 3.0 \right) + 603.7 = 1116.02$$

$$\text{Allowance for waste} = 1116.02 = 159.53$$

Continuation

$$= 159.53$$

[illegible]

## Sch. XLV—Form No. 134

| Particulars | Details of actual measurement |   |   |    | Contents of area |
|-------------|-------------------------------|---|---|----|------------------|
|             | No.                           | L | B | D. |                  |

FDR  
ABSTRACT OF COST

Name of work — Restoration  
of road from R. Rd.  
to Kuthary & under  
FDR. (2021-22)

Agency —

Authority — E.E, RWD, Coalg  
Division, Supaul

Dt. of entry — 20/04/22

1/2) Laying brick bats  
— as per E.D

Qty — 137  $\frac{114}{3}$  vide TMB P-2

@ RS — 192.87  $\frac{114}{3}$  = 263652.40

2/3) Labour for cutting  
bamboo pipes 82mm  
to 75mm dia —  
as per E.D

Qty — 213.472 m vide TMB P-3

@ RS —  $\frac{45.86}{192.87} \times 192.87 \times 213.472 = 9789.84$

3/5) Labour for fitting  
& fixing 75mm  
dia bamboo runna  
— as per E.D

Qty — 603.70 m vide TMB P-3

@ RS — 50  $\frac{1}{m} \times 603.70 = 3205.65$

4/6) Supply of bamboo  
at site —

Continuation

RS —

## Sch. XLV—Form No. 134

| Particulars                                                                                                                                                                    | Details of actual measurement |    |                  |      | Contents of area |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----|------------------|------|------------------|
|                                                                                                                                                                                | No.                           | L. | B.               | D.   |                  |
|                                                                                                                                                                                |                               |    | 01 F             | AS — |                  |
| Qty - 159 Nos. wide THB face (1)                                                                                                                                               |                               |    |                  |      |                  |
|                                                                                                                                                                                |                               |    | @ 188.39 / AM ft |      | 299 54.07        |
| 5/                                                                                                                                                                             |                               |    | TOTAL AS         |      | 3,06,601.89      |
| (i) Add s. face                                                                                                                                                                |                               |    |                  |      | 14150.0          |
| (ii) Add @ 12 x 4.5 ft                                                                                                                                                         |                               |    |                  |      | 36292.23         |
| (iii) Add @ 2 x 2.1 cm                                                                                                                                                         |                               |    |                  |      | 3066.02          |
|                                                                                                                                                                                |                               |    | TOTAL D          |      | 3,60,610.14      |
|                                                                                                                                                                                |                               |    | So, AS           |      | 3,60,610.14      |
| <div style="display: flex; justify-content: space-around;"> <div> <p><i>S. K. S.</i><br/>20/4/22<br/>JB</p> </div> <div> <p><i>Q. S.</i><br/>20/04/22<br/>AE</p> </div> </div> |                               |    |                  |      |                  |

*Q. S.*  
20/04/22  
**EXECUTIVE ENGINEER**  
**RWD WORKS DIVISION**  
**SUPAUL**