

CHAKRADANA MILL CHOWK TO REWANI
DATA

Schedule XLV-Form No. 134

DIVISION

NARPATGANJ SUB-DIVISION

Measurement Book

11/12/2019 11:00 AM 11/12/2019 11:00 AM

Name to 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 at the commencement of the measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH-FDR-2245					
Name of road - Restoration					
of road from Chakardaha					
Mill Chowk to Renwahi					
Pathar					
Agency - Department					
Authority - EE RWD Forbesganj					
Date of work -					
Date of entry -					

Cutting 1st

① Filling of local Sand				
Obtained from river				
$1 \times 5.00 \times (7.50 + 6.50) \times (2.10 + 2 + 2.60)$				
	2		3	
				= 95.67
$1 \times 10.00 \times (2.60 + 1.10) \times (2.10 + 2 + 2.60)$				
	2		3	
				= 50.57
				Total = 146.22
② Labour for cutting 62 mm to				
75 mm dia bamboo piles				
to size and making				
$1 \times 12.00 \times 3.00 \times 2.00$				= 72.00
to				Total = 72.00
③ Labour for fitting &				
fixing 62 mm to 75 mm				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 X 12.00 X 3.00					= 36.00
Total					= 36.00
④ Supplying of EC bag.					
filling of local sand					
2 X 12.00 X (0.8 + 0.6) X (2.10 + 2.12.60)					
	2				3
					= 45.92
2 X 10.00 X (1.20 + 1.50) X (1.50 + 2.50 + 1.50)					
	2				3
					= 49.50
Total					= 95.42
Total No of EC Bags = 95.42 X 35.315					
					= 3369.76
Say No of Bags = 3370					

⑤ Supply and Carriage of brick bath upto 8 Km					
1 X 12.00 X 2.50 X 0.15					= 6.30
Total					= 6.30

⑥ Supply jaxing and Carriage of home pipe					
2 X 2.00 X 7.50					= 10.00
Total					= 10.00

Rs
12/08/14
AE

Continuation

Abstract of Cost

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3

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Filling of local Sand					
Obtained from river					
146.22 m ³ Qty TMBP-1					
@ 627.77/m					= 91801.00
② Labour for Cutting 62					
mm to 75 mm dia bamboo					
pile					
72 m Qty TMBP-2					
@ 75.86/m					= 5462.00
③ Labour for fitting &					
fixing 62 mm to 75 mm					
dia bamboo					
36.40 m Qty TMBP-2					

@ 40.06 /m = 1442.00

④ Supplying of EC bag					
filling of local Sand					
Stitching and placing					
3369.76 each Qty TMBP-2					
@ 37.35/each					= 125849.00

⑤ Supply and Carriage					
of brick bats upto					
8 km reach					
6.30 m ² Qty TMBP-2					
@ 1870.43 /m ²					= 11784.00

⑥ Supply, Laying and					
Carriage of					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH-EDR-2245					
Name of road - Restoration					
of road from Chakardaha					
mill Chowk To Resahi					
Dathra					
Agency - Department					
Authority - EE Rwp (006894)					
Date of work -					
Date of entry -					
Cutting - 2nd					

① Filling of local Sand					
Obtained from river					
$1 \times 10.00 \times (6.50 + 5.50) \times (2.50 + 1.80)$					
	2			2	
					3129.00
$1 \times 12.00 \times (0.80 + 1.10) \times (2.50 + 1.80)$					
	2			2	
					24.51
					Total = 153.51

② Labour for Cutting 62 mm					
to 75 mm dia Lambor					
$2 \times 10.00 \times 2.00 \times 2.00$					120.00
$2 \times 12.00 \times 3.00 \times 2.00$					144.00
					Total = 264.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2) Labour for fitting & fixing 62 mm to 75 mm dia bamboo					
2 X 10.00 X 2.00				2	60.00
2 X 12.00 X 2.00				2	72.00
				Total	132.00
(4) Supplying of EC bag filling of local sand					
2 X 22.00 X (0.80 + 0.60) X (2.5 + 2.80)				2	2
				Total	66.22
Total No of EC Bags = 66.22 X 35.315					
Say No of Bag 2239					
(5) Supply tying and home br					
4 X 2.00 X 2.50					20.00

Abstract of Cost

(1) Filling of local Sand				
Obtained from river				
153.51 m ³ Qty Tm BP-5				
@ 627.77/m ³				= 96369
(2) Labour for Cutting				
62 mm to 75 mm				
dia bamboo				
264.00 m Qty Tm BP-5				
@ 75.86/m				= 20027
(3) Labour for fitting & fixing				
62 mm to 75 mm dia				
bamboo piles				
132.00 m Qty Tm BP-6				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@ 40.06 / m					= 5288.00
④ Supplying of E.C Bag					
filling of local Sand					
S-litching and plectry					
2338.56 Each Qty TMBP.6					
@ 37.35 / Each					= 87337.00
⑤ Supply, laying and					
Carriage of home					
pipe 1000 mm					
20 mm Qty TMBP.6					
@ 5251.00 / m					= 105024.00
Total					= 314046.00
Addition. GST					= 37686.00

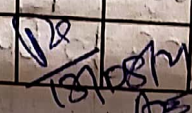
Say Total = 351732.00

Rs
181057.00
AT

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH-FDR-2245					
Name of road - Restoration					
of road from Chakardaha					
Mill Chowk to Reschi					
Pathra					
Agency - Department					
Authority - E.E. RWD forbesganj					
Date of work -					
Date of entry -					
Cutting - 3					

① Filling of local Sand					
Obtained from river					
$1 \times 15.00 \times \frac{(0.50 + 0.80)}{2} \times \frac{(1.50 + 1.20)}{2}$					
Total = 13.16					
② Labour for Cutting 62 mm					
to 75 mm dia bamboo					
$1 \times 15.00 \times 3.00 \times 2.00 = 90.00$					
Total = 90.00					
③ Labour for fitting &					
fixing 62 mm to 75 mm					
bamboo runners					
$2 \times 15.00 \times 3.00 = 90.00$					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Supplying of EC bag filling of local Sand					
1001.18 each city Temp. 7					
@ 37.25/each					= 37291.00
② Supply and Carriage of brick beds up to 8 km each					
4.80 m ³ city Temp. 8					
@ 1870.43/m ³					= 8978
Total Amount					= 65065.00
Add 12% GST					= 7808.00
Say Total Amount					= 72873.00
					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH-EOR-2245					
Name of work - Restoration					
of road from Chakardaha					
Mill Chowk to Benahi					
Pathra					
Agency - Department					
Authority - EERWD Forbesganj					
Date of work					
Date of entry -					
Cutting - 4					

① Filling of local Sand					
Obtained from river					
bed roasting &					
$1 \times 5.00 \times \frac{(3.50 + 2.50)}{2} \times \frac{(1.50 + 1.20)}{2}$					
Total = 20.25					
② Labour for Cutting 62					
mm to 75mm dia bamboo					
$2 \times 5.00 \times 3.50 \times 2.00$					
Total = 70.00					
③ Labour for filling &					
fixing 62mm to 75mm					
$2 \times 5.00 \times 3.00$					
Total = 30.00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ Supplying of ec bag filling of local sand					
		$2 \times 5.00 \times (0.80 + 0.60)$		$\times (1.50 + 1.20)$	
		2		2	
		Total		29.45	
Total No of EC bag				19.45 $\times 35.315$	
					= 233.73
Say No of Bag					= 334
⑤ Supply and Carriage of brick bats upto 8 km					
		$2 \times 5.00 \times 7.00 \times 0.20$			4.00
				Total	= 4.00

P. 120871

Abstracted Cost	
① Filling of local sand Obtained from river	
20.25 m ³ Qty TMBP-12	
@ 607.77/m ³	= 12712.00
② Labour for Cutting 62 mm dia bamboo Piles	
60.00 m Qty TMBP-12	
@ 75.86/m	= 4552.00
③ Labour for fitting & fixing 62 mm 75 mm dia	
30 m Qty TMBP-12	
@ 40.06/m	= 1201.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ Supplying of EC bag filling of local Sand					
333.73 each city TMBP-12					
@ 37.35/each					= 12464.00
⑤ Supply and Carriage of brick bats up to 8 Km breach					
4.00 m ³ city TMBP-13					
@ 1870.43/m ³					= 7482
Total					= 38411.00
Add 12% GST					= 4609.00
Say Total Amount					= 43020.00
Rs					
18708.27					
AE					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Filling of local Sand					
Obtained from other					
45.83 m ³ City TMRP-16					
@ 627.77/m ³					28768.00
② Supply and Carriage					
of brick bats upto 3 km					
bunch and placing					
4.50 m ³ City TMRP-16					
@ 1870.43 m ³					8417.00
③ Supply, laying and					
Carriage of home pipe					
10.00 m City TMRP-16					
@ 5251.75					52512

Total Amount = 89697.00
 Add 12% GST = 10764.00
 Say Total Amount = 100461.00

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 Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					= 138.13
					Total = 423.65
② Labour for cutting 62 mm to 75 mm dia bamboo					
					$2 \times 15.00 \times 3.00 \times 2.00 = 180.00$
					$2 \times 14.00 \times 3.00 \times 2.00 = 168.00$
					$2 \times 14.00 \times 3.00 \times 2.00 = 168.00$
					Total = 516.00
③ Labour for fitting & fixing 62 mm to 75 mm dia bamboo					
					$2 \times 15.00 \times 3.00 = 90.00$
					$2 \times 14.00 \times 3.00 = 84.00$
					$2 \times 13.00 \times 3.00 = 78.00$
					Total = 252.00
④ Supplying of EC bag filling of local Sand					
					$1 \times 29.00 \times (0.60 + 0.90)$
					2
					$\times (2.50 + 3.0 + 1.90)$
					3
					= 53.65
					$2 \times 14.00 \times (0.60 + 0.90)$
					2
					$\times (2.50 + 3.00 + 1.90)$
					3
					= 51.80
					Total = 105.45

Continuation

Total No of CC Poles 102.45/22/215
 Quantity 2724

(C) Supply and Carriage
 of batch bats upto
 8 km batch

$$1 \times 29.00 \times 2.10 \times 0.20 = 12.12$$

$$2 \times 14.00 \times 0.80 \times 0.15 = 3.36$$

$$\text{Total} = 15.54$$

(8)

(9)

Abstract of cost

① filling of local Sand

Obtained from river

426.65 m³ Qty TMBP-19

$$@ 627.72/m^3 = 265955.00$$

② Labour for Cutting 62mm

to 78mm dia bamboo

516.00 m Qty TMBP-20

$$@ 75.86/m = 39143$$

③ Labour for fitting & fixing

62mm to 78mm dia

264.00 m Qty TMBP-20

$$@ 40.06/m = 10576$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					= 128.12
					Total = 443.38

② Labour for Cutting

62 mm to 75 mm

dia bamboo piles

to Size and mole

$$2 \times 15.00 \times 3.00 \times 2.00 = 180.00$$

$$2 \times 18.00 \times 3.00 \times 2.00 = 216.00$$

$$2 \times 14.00 \times 3.00 \times 2.00 = 168.00$$

$$\text{Total} = 564.00$$

③ Labour for fitting

& fixing 62 mm to

75 mm dia bamboo

$$2 \times 13.00 \times 3.00 = 90.00$$

$$2 \times 18.00 \times 3.00 = 108.00$$

$$2 \times 14.00 \times 3.00 = 84.00$$

$$\text{Total} = 282.00$$

④ Supplying of EC bag

filling of local

Sand

$$1 \times 25.00 \times \frac{(0.60 + 0.90)}{2}$$

$$\frac{(2.50 + 3.00 + 1.90)}{3}$$

$$= 53.65$$

$$2 \times 18.00 \times \frac{(2.60 + 0.90)}{2}$$

$$\times \frac{(2.50 + 3.00 + 1.90)}{3}$$

Continuation

$$= 66.60$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 x 14.00 x (1.00 + 1.50)			2		
x (2.50 + 3.00 + 1.90)			3		
					= 43.17
Total =					163.42
Total No of EC Bags =					163.42 x 235.318
Say No of Bags =					5771.00

⑦ Supply and Carriage of brick bats up to

$$9 \times 29.00 \times 2.10 \times 0.20 = 12.18$$

$$2 \times 14.00 \times 0.80 \times 0.15 = 3.36$$

$$\text{Total} = 15.54$$

$$18708m = 50.00$$

Abstract of Cost

① Filling of local Sand

Obtained from dir

443.38 m² City TMRP-25

$$@ 627.77/m^2 = 278343.00$$

② Labour for Cutting

62 mm to 75 mm dia

bamboo

564.00 m City TMRP-25

$$@ 75.86/m = 42784.00$$

③ Labour for fitting

fixing 62 mm to 75 mm

262.00 m City TMRP-25

$$@ 40.06/m = 11297.00$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ Supply of each filling of local Sand					
5771.06 each TMBP. 28					
@ 37.35 / each = 215530					
⑤ Supply and Carriage of brick bats up to 8km brack					
15.54 m ² Qty TMBP. 28					
@ 1870.43 / m ² = 29067.00					
Total = 577021.00					
Add 12% G. 87 = 60243.00					
Sub Total = 646264.00					

1st cutting	3,23,513.00
2nd cutting	3,51,782.00
3rd cutting	7,28,732.00
4th cutting	43,020.00
5th cutting	1,00,461.00
6th cutting	5,46,877.00
7th cutting	6,46,264.00
Total	20,79,740.00

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18/08/21
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Continuation