

Bainki Kushaul to YadavTol

FDR

Shedule XLV Form No. 134.

JHANJHAR PUR

DIVISION

MADHUPUR

SUB-DIVISION

1773

Measurement Book

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प्रमाणित किया जाता है
की इस मापी पुस्त में मशीन
द्वारा अंकित 100 पन्ने हैं। जो
सहायक अभियंता भवपुर को
निर्गत किया जाता है।

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
झंझारपुर

05/05/12

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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.	
CH - FDR					
Name of Work - Repair of flood damage road Bonki Kushaw to Yadav tal under FDR in Madhepur Block					
Agency - Departmental					
Date of measurement/Entry - 10/5/21					
Authority - BETA Letter No: 934 06/5/21					

(1) Excavation for road work in soil					
With hydraulic excavator - do do -					
ch 300M	1 x	30.00	$\frac{2+4}{2}$	$\times 1.20 =$	108.00M
"	1 x	15.00	$\times \frac{2+4}{2}$	$\times 1.20 =$	54.00
ch 1100M	1 x	26.00	$\times \frac{1.5+5}{2}$	$\times 1.50 =$	123.50
Total =					285.50M
@ Rs 68.70/m ³					= Rs 19613.85
Add 12.1 GST					= Rs 2353.66
Add 1% L.C					= Rs 196.14
Add S.F. @ 10%					= Rs 993.83
Total Rs					23157.48
(2) Labour charge for cutting 62 to 75 mm					
dia bamboo pile.					
Total length of Protection = 65 M					
30+15+20 M					
C/C of pile = 0.45 M					
No. of piles = $65/0.45 + 3 = 147$ Nos					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Total length of pile = $147 \times 30 = 441$ M					
Driving depth of each pile = 1.5 M					
Total driving depth = $147 \times 1.5 = 221$ M					
Cost of driving of piles:					
221 M @ Rs 27.94/M = Rs 6174.74					
Add 12-1. GST				= Rs	740.97
Add 1-1. L.C.				= Rs	61.75
				Total = Rs	6977.46
(3) Labour charge for 62 to 75 mm dia bamboo runways in position at every vertical pile.					
Total Length of runway = $23 \text{ row} \times 65 \text{ M} = 195$ M					

Add 5% for overlap				=	10 M
				Total =	205 M
@ Rs 4.96/m				= Rs	1016.80
Add 12-1. GST				= Rs	122.02
Add 1-1. L.C.				= Rs	10.17
				Total Rs	1148.99

(4) Labour for filling B.C. Bags with local sand, stitching and placing in proper position

ch 300 M	$1 \times 45.0 \times \frac{1.8 + 0.6}{2} \times 1.8 = 54.00$ M				
ch 1100 M	$1 \times 20.0 \times \frac{1.8 + 0.6}{2} \times 1.8 = 43.20$ M				
				Total =	97.20 M
No. of B.C. Bags = $\frac{97.20}{0.034} = 2859$ Nos					

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	Nc.	L.	B.	D.	
Total cost of B.C. Bags = 2853 No					
@ Rs 25.11/Bag					= Rs 71789.49
Add GST 12%					= Rs 8614.74
Add L.C. 1%					= Rs 717.89
Total = Rs					81122.12

(5) Providing and laying of brick bats including cost of brick bats and labour charges

Ch. 300	1 x	65.0 x 1.75 x 1.20 =	136.50 m ³
Ch 1100	1 x	20.0 x 1.90 x 1.60 =	60.80
Ch 900	1 x	13.0 x 3.75 x 0.60 =	29.25
Total =			226.55 m ³

@ Rs 1867.76/m ³		= Rs 423141.02
Add 12% GST		= Rs 50776.92
Add 1% L.C.		= Rs 4231.41
Add S.F. 10%		= Rs 24082.26
Total		Rs 502231.61

Total Amount = (4) to (5)

$$= 23157.48 + 6977.46 +$$

$$1148.99 + 81122.12 +$$

$$502231.61 = Rs 6,14,637.61$$

Say Rs 6,14,638.00

(10/12/21)
JL

(10/12/21)
P.O. AE

(10/12/21)
JL