

PMGSY (FDR Temporary)
LO98-Tulsipur Lohara Road New
Bridge to Pakari

Measurement Book

Schedule XLV-Form No. 134

(F.D.R.A.)

BR22R126

Kharagpur-Tarapur

DIVISION

Kharagpur

SUB-DIVISION

(M.B.No. 2271)

प्रमाणित किया जाता है कि इस मापीयुक्त
में कुल 160 पन्ने हैं जिसे F.P.R. जोड़का
नंबर 1098-Tulsiapur Lahara Road
New Bridge Jo Pakari हेल, निर्गत
किया जाता है जिसे सहायक अभियंता
श्री अर्जुन प्रसाद सिंह के नाम से
निर्गत किया जाता है

(धुबई स्वयंसेवक)

29/09/2021
Executive Engineer
Rural Works Department (Work)
Civilian, Khargpur-Tarapur (Munger)

29.9.21

Re issued to Sri Shailendra Kumar
JE, RWD Works Section Pharsa

29/09/2021
(A.E)

Sch, XLV-Form No. 134

Khargpur - Tarapur DIVISION

Khargpur SUB-DIVISION

Measurement Book

No. 2271

Name of Officer Mr. Arjun P. Singh

A.E

Date of first entry _____

Date of last entry _____

1st and final bill

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. H:-		FDR (Temporary Restoration)			
Name of work:-		Temporary			
Restoration of Road from					
Logg-Tulsipur Lohra Road					
New Bridge to Pafuri					
Under PMRY Package No:-					
BR-22R-126					
Agg No:-		08 SRD/2014-15			

Name of Contractor:-	
Work done by original	
Contractor of Road named-	
M/S Raj Kumar Engineering	
At+Post:-	Maramchi
P.S:-	Hathidah
Dist:-	Patna
Work done as per approved	
estimate to earlier Agreement	
date.	

Measurement	
① supply of Bamboo 2mm to 75mm dia and 6m length etc.	

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(i) No. of Driving Pile No. 1-					
(60 Nos. 3.0m dia. 1.5m No.)					
(ii) Bamboo Length =					
181.00 No. x 1.5m = 271.50m					
(iii) No. of Bamboo 1-					
271.50m					
6m					45.00 No.
(iv) Bamboo Runner No. 1-					
60m x 3 No.					
6m					20.00m
(v) No. of cross runner Bamboo 1-					
60m x 2 No.					
6					20.00m
					95.00m
(2) Labour charge for fitting					
62mm to 75mm dia. Bamboo					
Piles to size and making shoe.					
and driving etc.					
Qty. vide T.M. B. P.H. 1 and 2					
I. No. (i) - (ii) = 271.50m.					
(3) Labour for fitting and fixing					
62mm to 75mm dia. bamboo in					
runner etc.					
Qty. vide T.M. B. P.H. 1 and 2					
I. No. (i) - (iv) and (v)					

Continuation

प्रमाणित किया जाता है कि इसा ग्राफीटर

Sch. XLV-Form No. 134

3

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	30 N. x 6 m				= 180.00 m.
	20 N x 6 m				= 120.00 m
					<u>300.00 m</u>
	ग्राफीटर से मापा गया				
	29/9/2021				
	S.E.				
(1) Labour for filling Empty					
Bag with local sand					
sticking the bags and					
placing in etc.					
	17800 x 66 No.				= 1122.00 m.
	16000 x 66 No.				= 1056.00 m.
	15 x 66 No.				= 990.00 m.
	14 x 66 No.				= 924.00 m.
	13 x 66 No.				= 858.00 m.
	12 x 66 No.				= 792.00 m.
	11 x 66 No.				= 726.00 m.
	10 x 66 No.				= 660.00 m.
	9 x 66 No.				= 594.00 m.
	8 x 66 No.				= 528.00 m.
	7 x 66 No.				= 462.00 m.
	6 x 66 No.				= 396.00 m.
	5 x 66 No.				= 330.00 m.
	4 x 66 No.				= 264.00 m.
	3 x 66 No.				= 198.00 m.
	2 x 55 No.				= 110.00 m.
					10000 =
					1400

Continuation

C.O

Particulars	No.	L	B	H	Volume of work
-------------	-----	---	---	---	----------------

(2) Supply of empty cement bags - etc.

Qty. vide T.O.B. I.N. (3)

I.N. (1) = 10,010.4 No

(3) Supply and Carriage of local sand - etc.

Qty. vide T.O.B. H.O. P.N. (4)

I.N. (2)

= 10,010.4 No.

25.21 cbm = 283.49 m³

11/10/2024
21/10/2024
25/10/2024
25/10/2024

(1) Construction of Embankment with material

obtained from borrow pits etc.

Average width of filling =

$\frac{3m + 3.675m + 4.075m + 3.575m + 2.875m}{5}$

= 3.44m

Average Depth of Filling =

$\frac{6.95m + 7.0m + 7.15m}{3}$

= 7.0m

Qty. of E/W Filling =

$\frac{1 \times 6.0m \times 3.44m + 10.44m \times 7.0m}{2}$

= 2914.80 m³

Continuation

25/10/2024
25/10/2024
25/10/2024

Abstract of Cost

Beh. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ck- H)-	F.D.R.	(	Temporary		Restoration)
Name of work:- Temporary					
Restoration of Road from					
Lug- Tulsipur Lohra					
Road New Bridge to					
Pakuri under PMWSY					
factsc No. BR-22R 126					
Ass. No:- 08 SBD/2014-15					
Name of Contractor:- Work done					
by original Contractor of					
Road named:-					

M/S Raskumar Engineering					
At + Post:- Maran chi					
P.S:- Hathidah					
District:- Patna.					

① Supply of Bamboo					
62mm to 75mm dia and					
6m length etc.					

Bty. vide T.M.B. PM ②					
-----------------------	--	--	--	--	--

Q-N ① = 95.5510.					
------------------	--	--	--	--	--

@ Rs 53.03/each for 5038.2					
----------------------------	--	--	--	--	--

② Labour charge for fitting					
62mm to 75mm dia bamboo					
Pile to size and making					

Continuation R. 5038.2

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
—			B.F.	fr.	5038 =
— shot and driving etc.					
Qty. vide T.M. & P.N. (2)					
I.N. (2) = 271.50 m.					
@ R. 17.58/m — fr.					4773 =
(3) Labour for fitting and					
fixing 62mm to 25mm					
dia Bamboo in diameter					
Qty. vide T.M. & P.N. (2,3)					
I.N. (3) = 360.65 m.					
@ R. 3.22/m — fr.					1116 =

(4) Labour for filling					
empty cement bags					
with local sand sticking					
the bag and placing					
in loose etc.					
Qty. vide T.M. & P.N. (3)					
I.N. (1) = 10,010.00 No.					
@ R. 9.45% No — fr.					9459 =

(5) Supply of Empty					
Cement Bags etc.					
Qty. vide T.M. & P.N. (4)					
I.N. (2) = 10,010.00 No.					
@ R. 23.12% No — fr.					2312 =
					R. 12864 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B. F.	h.	128644=
⑥ Carriage at Local Sand by tractor and Supply etc.					
Bty vide T.M.B. P.No. (4)					
P.N. (3) = 283.49 m ³					
@ h. 452.90/m ³ - h.					128392=
⑦ Construction of emb- ankment with material etc.					
Bty vide T.M.B. P.No. (4)					
P.N. (1) = 2914.80 m ³					
@ h. 207.57/m ³ - h.					605025=
Total - h.					8,62,061=

25/10/2024
 21/10/2024
 25/10/2024
 25/10/2024