

ଅନୁସନ୍ଧାନ ଓ ଶିକ୍ଷା ବିଭାଗର ନିୟମାବଳୀ

Schedule XLV-Form No. 134

MMWSy-(GEN)

ଅନୁସନ୍ଧାନ ଓ ଶିକ୍ଷା ବିଭାଗର ନିୟମାବଳୀ **DIVISION**

ଅନୁସନ୍ଧାନ ଓ ଶିକ୍ଷା ବିଭାଗର ନିୟମାବଳୀ **SUB-DIVISION**

ଅନୁସନ୍ଧାନ ବିଭାଗ

MB No-1329

MEASUREMENT BOOK

प्रमाणित किया जाता है कि यह माप
यान में भवित (कोर) प्रदत्त किया
इस एक ही प्रदत्त अधिकृत है जो
विद्युत ऑनट २१६२६६ अधिकृत किया
कोई विभागाध्यक्ष द्वारा प्रमाणित किया
के नाम निर्गत किया जाता है

18/07/22

EXECUTIVE ENGINEER

WATER WORKS DIVISION

CHHAR

18/7/22

Sch. XLV—Form No. 134

_____ DIVISION

_____ SUB-DIVISION

Measurement Book

No. 1329

Name of Officer _____

Date of first entry _____

Date of last entry _____

Name of 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.	
18E On A/C Bill					
① Name of Work: —					congr and
Maintn. of road Sakaldey Rai Ke					
Ghar To Gajar Pykhan Ke					
Jhar Tak PMGSY road in					
Tarirani Block.					
② Agency: —					Maha Singh.
③ Agg. No. —					50/PMGSY(Gen)/1621-022
④ Date of Start: —					17.01.022
⑤ Date of completion					
					In Progress.

Record - measurement					
Item: — ①	600 mm	Ø HP Culvert			
Excav. in foundn.					
H.W. —	2X	3.90X1.150X1.50			40.365.
Bel. Pipe —	1X	5.35X1.130X0.365			6.621.
3 nos					
					Net Vol = 46.98 m ³
②					
Item: ②	P/V	PCC (M5) in			
foundn.					
H.W. —	2X	3.90X1.150X0.150			4.04
Bel. Pipe —	1X	5.311X1.130X0.250			4.5.
3 nos					
					Vol = 8.55 m ³
③					
27.01.23.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COA:</u>					
(i) P/E BM Pillar 8.					
Qty. VIMB. P. - (2) of 1618.					
MB. = 2 Nos @ R8.4015					
Each.				= R8	8030
(ii). P/E ref. Pillar 8.					
Qty. VIMB. P. - (2) of 1618					
MB. = 4 Nos @ R8.1845					
Each.				= R8	7380
(2/2). Clean. and Grabbing					
Qty. VIMB. P. - (2) = 0.72 H.					
@ R8. 52970.33/H = R8					38139.
(3/3). Con&in. of Embk					
— 100 m lead.					
Qty. VIMB. P. - (3) = 80.74 m ³ .					
@ R8 143.31/m ³ = R8.					11571.
(4/4). Con&in. of Embk.					
= 1 KM.					
Qty. VIMB. P. - (3) = 188.395 m ³					
@ R8 190.57/m ³ = R8.					35902.
(5/5). Con&in. of GSB. & I.					
Qty. VIMB. P. - (3) = 477 m ³ .					
@ R8 3040/m ³ = R8.					1435770
(6/5). Con&in. of SUB &.					
Qty. VIMB. P. - (3) = 1998.44 m ³					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@ R8 192.04/m ³					= R8. 383780
(7/7). P/v WBM Grd.					
Qty. VTM B.P. - ③ = 25315 m ³					
@ R8 3720/m ³					= R8. 94164.
(8/21). E/c exc. in foundn.					
Qty. VTM B.P. - ① of this MB.					
= 46.98 m ³ @ R8 279.99/m ³					
					= R8. 13112
(9/22). P/v Pcc (M15) in foundn.					
Qty. VTM B.P. - ② of this					
M.B. = 8.55 m ³ @ R8					
5812.32/m ³					= R8. 47965.
(10/23). P/v Pcc (M20) in Subgr.					
Qty. VTM B.P. - ② = 45.51 m ³					
@ R8 5404.68/m ³					= R8. 291477
(11/24) P/v 600 mm Ø H.P.					
Qty. VTM B.P. - ② = 22.50 m.					
@ R8 1012.83/m					= R8 22789
Total Cost					
					= R8. 2390079
Add GST + LC @ 13%					= R8 310710
					= R8 2700789

Continuation

→ (A).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SF— (B).					
①. con ^{tn} . of EMBK.					
Qty = 269.136 m ³ @ R8					
34.81 / m ³ = R8. 9369					
②. con ^{tn} . of GSB. 8.4.					
Qty = 477 m ³ x 1.20					
= 572.40 m ³ @ R8.					
③. 52 mm to 9.5 mm					
= 286.20 m ³ @ R8 62.62					
Per m ³ .					R8. 177621
④. 9.5 mm to 2.36 mm					
= 114.48 m ³ @ R8 514.58					
Per m ³					R8. 58909
⑤. 2.36 mm and bel.					
= 171.72 m ³ @ R8 175.80/m ³					
					R8. 30188.
⑥. P/V WBM Gr ③.					
Qty = 25.512 m ³ .					
⑦. 11.2 mm to Stone 48					
= 6 m ³ @ R8 379.75/m ³					
					R8 2278.
⑧. 52 mm to 22.4 mm					
= 30.62 m ³ @ R8					
511.44 / m ³ = R8. 15665.					
⑨. con ^{tn} . of Subg.					
Qty = 1998.44 m ³ @					
R8. 34.81 / m ³ = R8 69566.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤. P/v Pcc (M15) in foundn.					
Qty = 8.55 m^3 .					
① C/sand = 4.104 m^3 @					
R8 $175.80/\text{m}^3$.					R8. 721.
② 40 mm ggg = 4.104 m^3 .					
@ R8 $494.15/\text{m}^3$					R8. 2028.
③ 20 mm ggg = 2.052 m^3					
@ R8 $604.91/\text{m}^3$					R8. 1241.
④ 10 mm ggg = 0.684 m^3					
@ R8 $668.80/\text{m}^3$					R8. 457.
⑥ P/v Pcc (M20) in subgt					
Qty = 45.51 m^3 .					
① C/sand = 21.845 m^3					
@ R8 $175.80/\text{m}^3$					R8. 3840
② 40 mm ggg = 21.845 m^3 .					
@ R8 $494.15/\text{m}^3$					R8. 10795.
③ 20 mm ggg = 10.92 m^3 .					
@ R8 $604.91/\text{m}^3$					R8. 6606.
④ 10 mm ggg = 8.19 m^3 .					
@ R8 $668.80/\text{m}^3$					R8. 5477.
Total S.F. =					R8. 394761
S.F. @ 10% =					39476.00
					→ (B).

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Grand Total (A+B)					
					= R8 2740265.00
0.05% Del					= R8 1370.00
Actual Bill					= R8. 2738895.00
Amended					
25.08.23					
JE					
					col
					Calman
					07.09.2023

Material Statement:

- ① Earth = 2267.576 m³.
- ② GSB & 1 - Metal - Sand
477 m³ - 400.68 m³ - 171.72 m³.
- ③ LBM Gr ③ - Metal - Screening
25.312 m³ - 30.63 m³ - 6.075 m³.
- ④ Pcc (M15) - S/chip 8 - c/sand
8.55 m³ - 7.695 m³ - 3.85 m³.
- ⑤ Pcc (M20) - S/chip 8 - c/sand
45.51 m³ - 40.96 m³ - 20.48 m³.

~~Amended~~
~~26.08.23~~
~~JE~~

Continuation