

Schedule XLV-Form No. 134

आमिनाको पिनाको को प्रसंग, ५९८ DIVISION

आमिनाको पिनाको को प्रसंग, ५९८ SUB-DIVISION

MEASUREMENT BOOK

No 2324

Sch. XLV-Form No. 134

ग्रामीण कार्य विभाग, कार्य प्रमंडल, पुपरी DIVISION
कार्य भवन प्रमंडल, पुपरी (सदर) SUB-DIVISION

Measurement Book

No. 2324

Name of officer श्री रामकुमार सत्याशी
सहायक अभियंता, कार्य भवन प्रमंडल, पुपरी (सदर)

Date of first entry _____

Date of last entry _____

Isl on 1/2 Bill

1

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.	
N/W: - Const. of Road and					
cd works with					
maintenance for					
Harijan tola Sanjogal					
Poswar House to					
PMGSY Chonant Path					
under PMGSY					
Agency: - Derach Kr Singh					

C-52 Nagar more					
Ashiyana Digh Road					
Indrapuri					
Pulwari Path					
Agreement NO: - 12 SBD/2020-21					
Date of completion					
- 26/10/2021					
Date of start					
- 27/05/2020					
Actual date of					
comp: - work					
is under progress					
Continuation					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SL No ③		Pr / setting and pillar			
		Pr and fixing of			
		working Bench marks			
		pillars -			
Qty	—	6 x 20 =	180 m		
		1 x 15 =	15 m		
			<u>195 m</u>		
			= 0.195 km		
SL No ②		Reference pillars			
		— 0.195 km			
SL No ③		clearing and grubbing			
		road land iselump			

all comp.				
2 x 195 x 3.50 m				
= 1365 m ²				
<u>10000</u>				
= 0.136 Hap				
Say 0.14 Hap.				
SL No. ④ Excavation for road				
— way in Soil iselump				
all comp.				
2 x 6 x 20 x 0.375 x 0.100 = 13.50 m ³				
2 x 5 x 0.375 x 0.100 = 0.38 m ³				
<u>13.88 m³</u>				
Say 13.88 m ³				

Continuation

Particulars	Details of measurement				Contents of area
	No.	L.	B.	D.	
Sl No ⑤ Const. of Embankment with material obtain from borrow pits including all comp.					
Wt to leave - 1000m (60% of dry)					
Qty - 232.00 m ³					
Sl No ⑥ Const. of Subgrade and earthed shoulder with approved material obtained from borrow pits including all comp.					

Qty - 60% of Qty					
- 110.00 m ³					
Sl No. ③ Const. of G.S.B by providing well graded material spreading in uniform layers all comp.					
6 x 2 x 30 x 0.375 x 0.100 = 13.50 m ³					
2 x 5 x 0.375 x 0.100 = 0.38 m ³					
To profile ① = 13.88 m ³					
Correction -					
1 x 16 x 2.00 x 0.050 = 1.60 m ³					
2 x 9 x 2.25 x 0.075 = 3.04 m ³					
1 x 27 x 1.50 x 0.050 = 2.02 m ³					
1 x 29 x 1.80 x 0.050 = 2.61 m ³					
Continuation ③ = 9.27 m ³					
A+B = 23.15 m ³					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SL NO. ① for laying and spreading and compacting stone aggregates as per 3m by 3m in 1:2:4 concrete.					
1x 15x		5.30	3.25	0.075	= 4.81 m ³
			2		
1x 15x		3.25	4.70	0.10	
			3		
				0.075	= 4.52
1x 15x		4.10	3.65	0.075	= 4.36
			2		
1x 15x		3.60	3.15	0.075	= 3.83
			2		
1x 15x		3.15	3.50	0.075	= 3.79
			2		

				0.075	= 3.79
1x 15x		3.45	3.20	0.075	= 3.74
			2		
1x 15x		3.20	3.35	0.075	= 3.68
			2		
1x 15x		3.35	3.55	0.075	= 3.88
			2		
1x 15x		3.55	3.25	0.075	= 3.83
			2		
1x 15x		3.25	3.75	0.075	= 3.94
			2		
1x 11x		3.75	4.00	0.075	= 3.20
			2		
1x 6x		4.00	4.00	0.075	= 1.80
			2		
1x 11x		2.20	2.60	0.075	= 1.98
			2		
1x 3x		2.70	2.90	0.075	= 0.74
			2		
1x 8.50x		2.35	2.70	0.075	= 1.60
			2		
1x 5.00x		2.80	2.90	1.90	

Continuation

$$\times 0.075 = 0.95$$

$$= 50.62 \text{ m}^3$$

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SL No ⑦ Const. of p.c.c. for					
— mch. th. as per section					
over a prepared					
sub-base including					
all comp.					
1 x 15 x	5.30 + 3.25			0.160 =	10.26 m ³
1 x 15 x	3.25 + 4.70 + 4.10				
			5	x 0.160 =	9.64
					14.46
1 x 15 x	1.10 + 3.65			0.160 =	9.30
1 x 15 x	3.65 + 3.15			0.160 =	8.16
1 x 15 x	3.15 + 3.50 + 3.45				
			3	x 0.160 =	8.08
1 x 15 x	3.45 + 3.20			0.160 =	7.98
1 x 15 x	3.20 + 3.35			0.160 =	7.86
1 x 15 x	3.35 + 3.55			0.160 =	8.28
1 x 15 x	3.55 + 3.25			0.160 =	8.16
1 x 15 x	3.25 + 3.75			0.160 =	8.40
1 x 11 x	3.75 + 4.00			0.160 =	6.82
1 x 6 x	1.00 + 4.00			0.160 =	3.84
1 x 11 x	2.20 + 2.60			0.160 =	4.22
1 x 3 x	3.70 + 2.90			0.160 =	1.58
1 x 8.50 x	2.35 + 2.70			0.160 =	3.43
1 x 5.00 x	2.80 + 2.90 + 1.90				

Continuation 2

$$\times 0.160 = 2.03$$

$$= 108.04 \text{ m}^3$$

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SL No (10) For and laying					
R.C.C pipe dia 900mm					
also all comp					
$2 \times 7.5 = 15m$					
SL No (11) For B/masonry work					
in cement mortar					
including all comp.					
$2 \times 2.50 \times 0.45 \times 1.20 = 2.70$					
$2 \times 2.50 \times 0.30 \times 0.30 = 0.45m$					
$= 3.15m^3$					
and $3.12m^3$					
SL No (12) Providing piece (20)					
Casting on top and bottom					
all comp					
$(2 \times 2.50 + 2 \times 2.5) = 10m$					
SL No (13) For Plastering in					
cm (1:4) on brickwork					
all comp					
$2 \times 2.50 \times 0.30 = 1.50 m^2$					
$2 \times 2.50 \times 1.50 = 7.50 m^2$					
$1 \times 2.50 \times 0.30 = 0.75 m^2$					
$2 \times 2.50 \times 0.75 = 3.75 m^2$					
Ex $30mm$					
$= 20.25 m^2$					
SL No (14) For R.C.C Boundary					
filling including					

a Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SL no (3/3) clearing and grubbing road land including all etc.					
Qty - vol TMB P- (2)					
— 0.14 Hr					
② 749496 = 75/m ³					7 6930=00
SL no. (4/4) Excavation for road work in lat. including all etc.					
Qty - vol TMB P- (2)					
— 13.20 m ³					
② 774 = 10/m ³					7 1029=00

SL no (5/5) Comp of embank					
— work with material obtained from borrow pits including all etc.					
Qty - vol TMB P- (2)					
— 232.00 m ³					
② 7175 = 11/m ³					7 40623=00
SL no (6/6) Comp of sub-grade and center shoulder with approved material all etc.					
Qty - vol TMB P- (3)					
— 110.00 m ³					
② 7176 = 75/m ³					7 19443=00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Sl no (7/8) Cont of G.S.P. bed					
providing well graded material spreading is uniform layer all over					
Qty - vide Tm B p- (3)					
- 23.15 m ³					
@ 22495 = 85/m ³ -					753779 = 0
Sl no (8/9) for laying and spreading and compacting stone					
approaches at work by					
Gr - 12.5% island road					

Qty - vide Tm B p- (4)					
- 50.62 m ³					
@ 23038 = 61/m ³ -					7153216 = 0
Sl no (9/10) Cont of p.e.e. base					
- max 10% providing over a prepared sub-base including all					
Qty - vide Tm B p- (5)					
- 108.04 m ³					
@ 7322 = 76/m ³ -					7997632 = 0
Sl no (10/11) Prand laying					
R - 10% dust 20mm					
all over					
Qty - vide Tm B p- (6)					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		15 m			
② $\Sigma 853 = 47/m$					$\Sigma 12802 = 00$
SL no (11/26) for G/masonry work					
is corners mortar including					
all carp.					
Qty. - vide Tmp P-6					
		2.12 m ³			
② $\Sigma 5913 = 34/m^3$					$\Sigma 18450 = 00$
SL no (12/21) for p.c.c m(20)					
carpenter on top end					
bottom all carp.					
Qty. vide Tmp P. - ⑥					
		13 m			
③ $\Sigma 420 = 95/m$					$\Sigma 5472 = 00$
SL no (13/13) for plastering is					
cm 1:1 on brick masonry					
all carp.					
Qty. - vide Tmp B - P-②					
		20.25 m ²			
④ $\Sigma 190 = 89/m^2$					$\Sigma 2865 = 00$
SL no. (14/12) for R.c.c Banders					
filling including					
all carp.					
Qty. - vide Tmp B P-④					
		10 m ³			

Continuation

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