

M.M. 1955-56

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Schedule XLV-Form No. 134

M.M. 1955 (55)

1955-56

DIVISION

1955-56

SUB-DIVISION

MEASUREMENT BOOK

1955-56

3rd on A/c 65/1

21

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Construction of road					
from Sahsaron Middle School ke					
Pas to Son varsha badka Gaon Simant					
Agency :- Rajkumar Singh					
At + PO - Kawalpura, Mashrak.					
Agr. No - 17A MMGSY/SBD/2020-21					
dated 26.06.2020					
Date of Start - 26.06.2020					
Date of Completion - 25.06.2021					
Date of Actual Completion -					
Date of Measurement -					

work done.

① Excavation and Grubbing road					
Excavation for roadways in soft					
using manual means for carrying					
of cut earth etc.					
up to date measurement.					
Box cutting in BT portion					
2x	15x	30x	0.525x	0.100	= 47.25
2x	20x	30x	0.525x	0.100	= 63.00
2x	24x	30x	0.525x	0.100	= 75.60
2x	12x	30x	0.525x	0.100	= 37.80
2x	1x	10x	0.525x	0.100	= 1.05
840					224.70 m ³

Continuation

Abstract of Material

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Bonding and fixing of working benchmark pillar.					
Qty. of MB paper - 01					
2.95 km @ Rs. 3755.20/km					Rs. 11078/-
② Reference pillar.					
Qty. of MB paper - 01					
2.95 km @ Rs. 1736.85/km					Rs. 5123/-
③ Clearing and grubbing road land (by manual means)					
Qty. of MB paper - 01					
and 12 of item 03 as 1/3					
$\Rightarrow (1.056 + 0.1004) = 1.1564 \text{ hect}$					
@ Rs. 51133.76/hect.					Rs. 59131/-
④ Excavation for roadway in soft using manual means for carrying of cut earth.					
Qty. of MB paper - 21					
and item no - 1/4					
$\Rightarrow 277.95 \text{ m}^3 @ \text{Rs. } 74.16/\text{m}^3$					Rs. 20613/-
⑤ Construction of Embankment with material obtained from borrow pit - 1000 m lead					
Qty. of MB paper - 30.					
$\Rightarrow 564.79 \text{ m}^3 @ \text{Rs. } 175.22/\text{m}^3$					Rs. 98962/-
⑥ 100 m lead.					
Qty. of MB paper - 30.					
$\Rightarrow 1740.31 \text{ m}^3 @ \text{Rs. } 141.14/\text{m}^3$					Rs. 245627/-
Continuation					Rs. 440534/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7/10) Construction of Subgrade and earthen shoulder with approved material obtained from borrow pit—					
Qty vide MB pagano-30					
⇒ 1798.815 m ³ @Rs. 176.86/m ³ Rs					318138/-
(8/11) Construction of granular sub base by primary well graded m ³					
Qty vide MB pagano-22					
and 23 of item no- 2/11					
1107.879					384206/-
⇒ 1114.174 m ³ @Rs. 3467.95/m ³ Rs					386389/-
(9/12) Providing, laying, spreading and compacting stone aggregate					
of Specified size					
Qty vide MB pagano-23					
and 24 of item no- 3/12					
611.035					257450/-
⇒ 611.496 m ³ @Rs. 4213.34/m ³ Rs					257644/-
(10/13) Providing and applying primer coat					
Qty vide MB pagano-24					
and 25 of item no- 4/13					
⇒ 8147.25 m ² @Rs. 44.43/m ² Rs					361982/-
(11/14) Providing and applying tack coat with bitumen emulsion. Qty vide MB pagano-25 item no. 5/14					
⇒ 8147.25 m ² @Rs. 15.12/m ² Rs					123186/-

Continuation

Rs. 7684179/-
7660411/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\frac{12}{15}$ Providing laying and rolling of close-graded premix surfacing material 20 mm thick Qty vide TMB Pegasus 25, 26 of item no. - $\frac{6}{15}$ = 8147.25 m ² @ Rs. 232.67/m ² Rs. 1895629/-					
$\frac{13}{16}$ Construction of granular sub base by providing well graded material Qty vide TMB Pegasus - 4 and item no. - $\frac{9}{16}$ 55.105 m ³ @ Rs. 3467.75/m ³ Rs. 191101/-					
$\frac{14}{17}$ Providing, laying, spreading and compacting stone aggregate Qty vide TMB Pegasus - 4 and 5 of item no. - $\frac{10}{17}$ → 198.81 m ² @ Rs. 4213.34/m ² Rs. 837780/-					
$\frac{15}{18}$ Construction of Un-reinforced plain Cement Concrete pavement Qty vide TMB Pegasus - 5 and 14 of item $\frac{11}{18}$, $\frac{1}{18}$ → (239.82 + 186) = 425.82 m ² Qty (Limit) = 424.20 m ² @ Rs. 7276.87/m ² Rs. 3086848/-					
$\frac{16}{19}$ Reinforced Cement Concrete M15 grade Kaporah Stone					

Continuation

Rs. 13695528/-

13671760/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty vide TMB pagew - 26 and item no - 79					
⇒ 1 nos @ Rs. 2308.56/each Rs.					2308/-
(17) 20 200 m Stone					
Qty vide TMB pagew - 26 item no - 80					
⇒ 12 nos @ 611.79/each Rs.					7341/-
(18) 21 RCC M 15 grade boundary pillar of standard design					
Qty vide TMB pagew - 26 item no - 9					
⇒ 130 nos @ Rs. 489.16/each Rs.					58699/-

(19) 22 Providing and fixing of mbb - reflective sign.					
600 mm Circular.					
Qty vide TMB pagew - 26 and item no - 10					
4 nos @ Rs. 4968.56/each Rs.					19874/-
(20) 23 300 mm equilateral Δ triangle					
Qty vide TMB pagew - 26 and item no - 11					
2 nos @ Rs. 5466.29/each Rs.					10932/-
(21) 24 600 mm x 450 mm rectangular					
Qty vide TMB pagew - 26 ⇒ 2 nos @ Rs. 4838.36/each Rs.					9676/-

Continuation

Rs. 13804358

13780590/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
22 25 Providing and laying of hot applied thermoplastic Compound 2.5 m thick Qty wide TMB pages - 26 and item no - $\frac{13}{25}$ $\Rightarrow 428 \text{ m}^2 @ \text{Rs. } 735.44/\text{m}^2 = \text{Rs. } 314768$					
23 26 Providing and laying of hot applied thermoplastic Compound in PCC Portion Qty wide TMB pages - 27 and item no - $\frac{14}{26}$ $140 \text{ m}^2 @ \text{Rs. } 735.44/\text{m}^2 = \text{Rs. } 102961$					
24 27 Planting of trees by the road Side (Avenue trees) in 0.60 m dia hole Qty wide TMB pages - 27 and item no - $\frac{15}{27}$ $\Rightarrow 200 \text{ nos} @ \text{Rs. } 819.92/\text{nos} = \text{Rs. } 163984$					
25 29 Providing and erecting direction and place identification retro-reflectised sign etc. Qty wide TMB pages - 27 and item no - $\frac{16}{29}$ $\Rightarrow 1 \text{ nos} @ \text{Rs. } 3178.37/\text{each} = 3178$					
26 30 Providing and fixing of typical min 654 information sign board with logo					

Continuation

Rs. 14389249/-

14365481/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
as per MPRO specification					
Qty vide TMB page no.					
27 and item no -				17/30	
⇒ 4 nos @ Rs. 10941.15 each					43764/-
(27/31) Earthwork in excavation for foundation.					
Qty vide TMB page no - 5X6					
and item no - 13/31					
⇒ 148.99 m ³ @ Rs. 269.32/m ³					40126/-
(28/32) Providing M15 PCC as levelling course.					
Qty vide TMB page no - 6					

Item no - 14/32					
⇒ 14.80 m ³ @ Rs. 5708.02/m ³					84478/-
(29/33) Providing concrete for plain/reinforced concrete in open foundation					
Qty vide TMB page no - 8					
and item no - 15/33					
⇒ 153.03 m ³ @ Rs. 6384.45/m ³					977012/-
(30/34) Providing and laying RCC Pipe NPS for Culvert on first class bedding.					
Qty vide TMB page no - 8 and					
Item no - 16/34					
⇒ 37.50 m @ Rs. 3680.48/m					138018/-

Continuation

Bf Rs. 15672649/-

15648879/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(31/35) Painting two coats on new concrete surface with primer coat.					
Qty. under this paragraph - 27					
and item no - 18/35					
⇒ 369 m ² @ Rs. 97.19/m ²					35863/-
					15684742/-
					15708510/-
					1882169/-
Cost 12%					1885021/-
Le. 1%					15684715/-
S. fee 0.877%					137555/-
					137763/-
					17888379/-
					17861313/-
Less 0.25% as per apr.					134163/-
					133960/-
					17727353/-
					Rs. 17754216/-
deduct previous bill					Rs. 13814560/-
					Rs. 3939656/-
					3912793/-
Handwritten signature					
30.07.20					
JE					
Handwritten signature					
30.07.20					
JE					
C&P					
21/6/22					
12/04/22					

Continuation