

માટેન અંગરીલી રૂપ (New MR-3054)

Schedule XLV-Form No. 134

એરામિયાનું પ્રમાણાનું સ્થિતીશીર્ષક

DIVISION

એરામિયાનું આનુભૂતિક વિભાગ

SUB-DIVISION

ગોઠણ

MEASUREMENT BOOK

No 2354

સંદર્ભ :- માનવ ફોર્મ

Sch. XLV - Form No. 134

ଶ୍ରାମିକା କାର୍ଡିନାର୍ ପ୍ରଦେଶିଲ୍ ପୁସ୍ତି DIVISION
କାର୍ଡିନାର୍ ପ୍ରମେଳନାଳିପୁସ୍ତି SUB-DIVISION

Measurement Book

No. 2359

Name of Officer

ଶ୍ରୀ ରାମକୃମାର ସମୀଧି

ରାଜ୍ୟ ପ୍ରମେଲାନାଳିପୁସ୍ତି କାର୍ଡିନାର୍ ପ୍ରମେଲନାଳିପୁସ୍ତି

Date of first entry

Date of last entry

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कायदालक आव्याप्त
प्राप्ति कोर्ट विभाग
प्राप्ति, पुस्ती

कायदालक अधिकारी
पार्टी कार्य विभाग
प्रशासन, पुराणा
पालगढ़, पुराणा
१०-१२, २०

No. and date of agreement

(These four lines should be repeated at the commencement of the measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/Work:- Maintenance	2				
Repair of Road	2				
CD WORKS MR-N/2019-20					
Pupri/10 from vadigam					
to Bhattalohiya in					
Nampur block under					
New MR-3054					
N/Agency:- Rajesh Kumar,					
brahmo, jaipur,					
Saraiya, Muzaffarpur					
Agreement No - 49 MBD of 2020-21					
Date of Commencement :- 10-12-20					
Date of Completion :- 09-12-21					
Actual date of Completion :-					
Work Done					
(1/1) clearing & grubbing					
Road Land etc.					
$2 \times 91 \times 30 \text{ m} \times 1 = 5460 \text{ m}^2$					
$2 \times 8 \text{ m} \times 1 \text{ m} = 16 \text{ m}^2$					
$\text{Q} 5476 \text{ m}^2$					
$5476 / 10000 = 0.55 \text{ Ha}$					
0.55 Ha					

2-02-21
IE

2-2-21
Continuation
HB

0.55 Ha

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2/2) Constn. of Subgrade 2					
earthen Shoulder with approved material etc					
	$2 \times 61 \times 30m \times 0.68 \times 0.3 = 746.6 m^3$				
	$2 \times 6 \times 30m \times 0.3 \times 0.3 = 32.4 m^3$				
	$2 \times 14 \times 30m \times 0.68 \times 0.3 = 171.36 m^3$				
	$2 \times 2 \times 30m \times 0.3 \times 0.3 = 10.8 m^3$				
	$2 \times 3 \times 30m \times 0.68 \times 0.3 = 32.4 m^3$				
	$2 \times 2 \times 30m \times 0.68 \times 0.3 = 24.48 m^3$				
	$2 \times 3 \times 30m \times 0.5 \times 0.3 = 27 m^3$				
	$\text{QH} = 1045 m^3$				
(3/3) Constn. of granular					
sub-base by providing well graded material etc					
	$2.71m \times 1.79m \times 0.175m = 0.82 m^3$				
	$10.4m \times 2.22m \times 0.175m = 4.03 m^3$				
	$4.19m \times 2.19m \times 0.175m = 1.6 m^3$				
	$3.01m \times 1.42m \times 0.175m = 0.74 m^3$				
	$5.42m \times 1.65m \times 0.175m = 1.56 m^3$				
	$4.19m \times 1.58m \times 0.175m = 0.175 m^3$				
	$2.96m \times 1.74m \times 0.175m = 0.09 m^3$				
	$4.3m \times 2.54m \times 0.175 = 1.9 m^3$				
	$3.01m \times 2.54m \times 0.175m = 1.33 m^3$				
	$1.68m \times 1.74m \times 0.175m = 0.51 m^3$				
	$5.48m \times 2.54m \times 0.175m = 2.43 m^3$				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		1.47m	1.1m	0.175m	0.282 m^3
		6.6m	2.54m	0.175m	2.32 m^3
		4.24m	2.54m	0.175m	1.88 m^3
		3.57m	1.42m	0.175m	0.88 m^3
		3.01m	2.22m	0.175m	1.16 m^3
		14.9m	2.15m	0.175m	5.53 m^3
		4.56m	2.22m	0.175m	1.76 m^3
		3.01m	1.58m	0.175	0.83 m^3
		5.73m	2.26m	0.175	2.28 m^3
		7.48m	1.74m	0.175	2.27 m^3
		2.28m	2.34m	0.175	0.91 m^3
		7.16m	2.06m	0.175	2.53 m^3
		10.12m	1.58m	0.175	2.78 m^3
		10.42m	2.37m	0.175	4.31 m^3
		10.73m	2.06m	0.175	3.85 m^3
		10.12m	2.22m	0.175	3.92 m^3
		9.18m	1.74m	0.175	2.78 m^3
		11.78m	2.06m	0.175	4.21 m^3
		11.99m	2.06m	0.175	4.31 m^3
		8m	1.74m	0.175	2.43 m^3
		1.12m	2.11m	0.175	0.41 m^3
					$\sum = 69.42 \text{ m}^3$
		15.00m	15.22m		
		15.00m	15.22m		
				A2	

(4) P/V, laying, spreading

2 Compacting of WBM - 2 etc.

$$2.71m \times 1.74m \times 0.075m = 0.35 \text{ m}^3$$

$$10.4m \times 2.22m \times 0.075m = 1.73 \text{ m}^3$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		1.47m	1.1m	0.175m	0.282 m^3
		6.6m	2.54m	0.175m	2.92 m^3
		4.24m	2.54m	0.175m	1.88 m^3
		3.57m	1.42m	0.175m	0.88 m^3
		3.01m	2.22m	0.175m	1.16 m^3
		14.9m	2.15m	0.175m	5.53 m^3
		4.56m	2.22m	0.175m	1.76 m^3
		3.01m	1.58m	0.175	0.83 m^3
		5.73m	2.26m	0.175	2.28 m^3
		7.48m	1.74m	0.175	2.27 m^3
		2.28m	2.34m	0.175	0.91 m^3
		7.16m	2.66m	0.175	2.57 m^3
		10.12m	1.58m	0.175	2.78 m^3
		10.42m	2.37m	0.175	4.31 m^3
		10.73m	2.06m	0.175	3.85 m^3
		10.12m	2.22m	0.175	3.92 m^3
		9.18m	1.74m	0.175m	2.78 m^3
		11.78m	2.06m	0.175	4.21 m^3
		11.99m	2.06m	0.175	4.31 m^3
		8m	1.74m	0.175	2.43 m^3
		1.12m	2.11m	0.175	0.41 m^3
		15.00	1.74	0.175	4.74 = 69.42 m³
		15.00	1.74	0.175	4.74 = 69.42 m³
		15.22	1.74	0.175	4.74 = 69.42 m³
		15.22	1.74	0.175	4.74 = 69.42 m³

(4/4) P/V, laying, spreading

2 Compacting of WBM - 2 etc.

$$2.71m \times 1.74m \times 0.075m = 0.35 \text{ m}^3$$

$$10.4m \times 2.22m \times 0.075m = 1.73 \text{ m}^3$$

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		$4.19m \times 2.19m \times 0.075 = 0.69m^3$			
		$3.01m \times 1.42m \times 0.075 = 0.32m^3$			
		$5.42m \times 1.65m \times 0.075 = 0.67m^3$			
		$4.19m \times 1.58m \times 0.075 = 0.49m^3$			
		$2.36m \times 1.74m \times 0.075 = 0.33m^3$			
		$4.3m \times 2.54m \times 0.075 = 0.82m^3$			
		$3.01m \times 2.54m \times 0.075 = 0.57m^3$			
		$1.68m \times 1.74m \times 0.075 = 0.22m^3$			
		$5.48m \times 2.54m \times 0.075 = 1.04m^3$			
		$1.47m \times 1.1m \times 0.075 = 0.12m^3$			
		$6.6m \times 2.54m \times 0.075 = 1.25m^3$			
		$4.24m \times 2.54m \times 0.075 = 0.8m^3$			
		$3.57m \times 1.42m \times 0.075 = 0.38m^3$			
		$3.01m \times 2.22m \times 0.075 = 0.5m^3$			
		$14.9m \times 2.15m \times 0.075 = 2.4m^3$			
		$4.56m \times 2.22m \times 0.075 = 0.75m^3$			
		$3.01m \times 1.58m \times 0.075 = 0.36m^3$			
		$5.79m \times 2.26m \times 0.075 = 0.98m^3$			
		$7.48m \times 1.74m \times 0.075 = 0.98m^3$			
		$2.25m \times 2.34m \times 0.075 = 0.39m^3$			
		$7.16m \times 2.06m \times 0.075 = 1.1m^3$			
		$10.12m \times 1.58m \times 0.075 = 1.19m^3$			
		$10.42m \times 2.37m \times 0.075 = 1.85m^3$			
		$10.73m \times 2.06m \times 0.075 = 1.66m^3$			
		$10.12m \times 2.22m \times 0.075 = 1.69m^3$			
		$9.18m \times 1.74m \times 0.075 = 1.19m^3$			
		$11.72m \times 2.06m \times 0.075 = 1.81m^3$			

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	11.33m x 2.66m x 0.075	= 1.85m ³			
	8m x 1.74m x 0.075m	= 1.04m ³			
-	1.12m x 2.11m x 0.075m	= 0.18m ³			
	6.04m x 1.6m x 0.075	= 0.73m ³			
	5.22m x 1.77 x 0.075m	= 0.69m ³			
	6.15m x 2.68m x 0.075	= 1.24m ³			
	5.26m x 2.68m x 0.075	= 1.05m ³			
	3.61m x 1.77m x 0.075	= 0.48m ³			
	6.93m x 2.68m x 0.075m	= 1.4m ³			
	4.2m x 1.05m x 0.075m	= 0.33m ³			
	21.45m x 2.68m x 0.075	= 4.31m ³			
	6.11m x 2.68m x 0.075	= 1.22m ³			
	5.65m x 1.4m x 0.075	= 0.53m ³			
	5.26m x 2.31m x 0.075	= 0.91m ³			
	13.43m x 2.24m x 0.075	= 2.25m ³			
	6.33m x 2.31m x 0.075m	= 1.097m ³			
	5.26m x 1.6m x 0.075m	= 0.63m ³			
	7.17m x 2.68m x 0.075	= 1.44m ³			
	8.33m x 1.77m x 0.075m	= 1.1m ³			
	3.36m x 2.68m x 0.075m	= 0.67m ³			
	8.12m x 2.12m x 0.075m	= 1.29m ³			
	10.15m x 1.6m x 0.075	= 1.21m ³			
	10.36m x 2.68m x 0.075m	= 2.08m ³			
	10.53m x 2.12m x 0.075m	= 1.68m ³			
	10.15m x 2.31m x 0.075m	= 1.76m ³			
	9.5m x 1.77m x 0.075m	= 1.26m ³			
	11.25m x 2.12m x 0.075	= 1.79m ³			

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$11.43m \times 2.12m \times 0.075m = 1.81m^3$
					$11.43m \times 1.77m \times 0.075m = 1.51m^3$
					$3.36m \times 2.68m \times 0.075m = 0.73m^3$
					$Q_1 + Q_2 = 65.07m^3$
	Q₁	11.43m	2.12m	0.075m	Q₂
	Q₁	11.43m	2.12m	0.075m	Q₂
(S/S) P/v, laying, SP reading					
2 Compacting Stone aggregate					
of wBM - III etc.					
					$2.71m \times 1.74m \times 0.075m = 0.35m^3$
					$10.4m \times 2.22m \times 0.075m = 1.73m^3$
					$4.19m \times 2.19m \times 0.075m = 0.69m^3$
					$3.01m \times 1.42m \times 0.075m = 0.32m^3$
					$5.42m \times 1.65m \times 0.075m = 0.64m^3$
					$4.19m \times 1.58m \times 0.075m = 0.49m^3$
					$2.96m \times 1.74m \times 0.075m = 0.39m^3$
					$4.3m \times 2.54m \times 0.075m = 0.82m^3$
					$3.01m \times 2.54m \times 0.075m = 0.57m^3$
					$1.68m \times 1.74m \times 0.075m = 0.22m^3$
					$5.48m \times 2.54m \times 0.075m = 1.04m^3$
					$1.47m \times 1.1m \times 0.075m = 0.12m^3$
					$6.6m \times 2.84m \times 0.075m = 1.25m^3$
					$4.224m \times 2.54m \times 0.075m = 0.8m^3$
					$3.53m \times 1.42m \times 0.075m = 0.38m^3$
					$3.01m \times 2.22m \times 0.075m = 0.5m^3$
					$14.9m \times 2.16m \times 0.075m = 2.4m^3$
					$4.56m \times 2.22m \times 0.075m = 0.75m^3$
					$3.01m \times 1.58m \times 0.075m = 0.36m^3$

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$5.79m \times 2.26m \times 0.075m = 0.98m^3$
					$7.48m \times 1.74m \times 0.075m = 0.98m^3$
					$2.25m \times 2.34m \times 0.075m = 0.39m^3$
					$7.16m \times 2.06m \times 0.075m = 1.1m^3$
					$10.12m \times 1.58m \times 0.075m = 1.19m^3$
					$10.42m \times 2.37m \times 0.075m = 1.85m^3$
					$10.73m \times 2.06m \times 0.075m = 1.66m^3$
					$10.12m \times 2.22m \times 0.075m = 1.63m^3$
					$9.18m \times 1.74m \times 0.075m = 1.19m^3$
					$11.72m \times 2.06m \times 0.075m = 1.81m^3$
					$11.99m \times 2.06m \times 0.075m = 1.88m^3$
					$8m \times 1.74m \times 0.075m = 1.04m^3$
-					$1.12m \times 2.11m \times 0.075m = 0.18m^3$
					$6.06m \times 1.6m \times 0.075m = 0.73m^3$
					$5.22m \times 1.77m \times 0.075m = 0.69m^3$
					$6.15m \times 2.68m \times 0.075m = 1.23m^3$
					$5.26m \times 2.68m \times 0.075m = 1.05m^3$
					$3.61m \times 1.77m \times 0.075m = 0.47m^3$
					$6.93m \times 2.68m \times 0.075m = 1.4m^3$
					$4.2m \times 1.06m \times 0.075 = 0.33m^3$
					$21.44m \times 2.68m \times 0.075 = 4.31m^3$
					$6.11m \times 2.68m \times 0.075 = 1.22m^3$
					$5.65m \times 1.4m \times 0.075m = 0.59m^3$
					$5.26m \times 2.31m \times 0.075 = 0.91m^3$
					$13.43m \times 2.24m \times 0.075 = 2.25m^3$
					$6.33m \times 2.31m \times 0.075 = 1.09m^3$
					$5.26m \times 1.6m \times 0.075 = 0.63m^3$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		$7.17m \times 2.68m \times 0.075 = 1.44 m^3$			
		$8.33m \times 1.77m \times 0.075 = 1.1 m^3$			
		$3.36m \times 2.68m \times 0.075 = 0.67 m^3$			
		$8.12m \times 2.12m \times 0.075 = 1.29 m^3$			
		$10.15m \times 1.6m \times 0.075 = 1.22 m^3$			
		$10.36m \times 2.68m \times 0.075 = 2.08 m^3$			
		$10.53m \times 2.12m \times 0.075 = 1.68 m^3$			
		$10.15m \times 2.31m \times 0.075 = 1.76 m^3$			
		$9.5m \times 1.77m \times 0.075 = 1.26 m^3$			
		$11.25m \times 2.12m \times 0.075 = 1.79 m^3$			
		$11.43m \times 2.12m \times 0.075 = 1.81 m^3$			
		$11.43m \times 1.77m \times 0.075 = 1.51 m^3$			
	-	$3.96m \times 2.68m \times 0.075 = 0.79 m^3$			
		$8.03m \times 1.96m \times 0.075 = 1.18 m^3$			
		$25.5m \times 1.53m \times 0.075 = 2.97 m^3$			
		$37.09m \times 1.98m \times 0.075 = 5.5 m^3$			
		$33.36m \times 1.53m \times 0.075 = 3.02 m^3$			
		$13.25m \times 2.28m \times 0.075 = 2.26 m^3$			
		$13.25m \times 1.98m \times 0.075 = 1.96 m^3$			
		$10.34m \times 1.53m \times 0.075 = 1.18 m^3$			
		$37.09m \times 1.98m \times 0.075 = 5.5 m^3$			
		$12.08m \times 2.28m \times 0.075 = 2.06 m^3$			
		$7.1m \times 1.8m \times 0.075 = 0.8 m^3$			
					$\text{Qtr} = 92.3 m^3$
	Cost per m³	Primer m²	Per m²	4.32	AB

(6/6) Prime coat: - P/V 2 applying

Primer Coat with Bitumen

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Emulsion on prepared surface of granular base etc.					
Same Area over stem					
No - 5/5					
$22.3 / 0.075 = 1230.67 \text{ m}^2$					
					$\text{Qty} = 1230.67 \text{ m}^2$
(7/7) Tack coat:- 1/0 2 applying tack-coat with bitumen emulsion (Rs-1) etc.					
Same Area over stem					
No - 6/6 - = 1230.67					
In PCC - $30 \times 1.5 \text{ m} \times 1.5 \text{ m} = 67.5 \text{ m}^2$					
$40 \times 1 \text{ m} \times 1 \text{ m} = 40 \text{ m}^2$					
$3 \text{ m} \times 1.5 \text{ m} = 4.5 \text{ m}^2$					
$2 \text{ m} \times 2 \text{ m} = 4 \text{ m}^2$					
$1.19 \text{ m} \times 3 \text{ m} = 3.57 \text{ m}^2$					
					$\text{Qty} = 1350.24 \text{ m}^2$
(8/8) P/V, laying & rolling of close graded premix surfacing material of 20mm thickness etc.					
Same Area over stem					
No - (7/7) = 1350.24 m ²					
					$\text{Qty} = 1230.67 \text{ m}^2$

Sony
Pm-22
30-4-9
7F

Continuation AB
RKH 30.4.21

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3/9) Tack Coat:- P/v 2 applying tack coat with bitumen emulsion (RS-1) etc.					
					$30m \times (5.35 + 3.75) = 136.5m^2$
					2
					$30m \times 3.75m = 112.5m^2$
					$12 \times 30m \times 3.75m = 1350m^2$
					$30m \times (4.05 + 4.2 + 3.6) = 118.5m^2$
					3
					$14 \times 30m \times 3.75m = 1575m^2$
					$30m \times (3.75 + 3.6) = 110.25m^2$
					$30 \times 30m \times 3.75m = 3375m^2$
					$1 \times 30m \times 3.7m = 111m^2$
					$1 \times 30m \times (3.7 + 3.4 + 3.5) = 106m^2$
					3
					$1 \times 30m \times (3.5 + 3.7 + 3) = 102m^2$
					3
					$1 \times 30m \times (3 + 3.2 + 3.6) = 98m^2$
					3
					$30m \times (3.6 + 3.2 + 3.6) = 104m^2$
					3
					$30m \times (3.6 + 3.65) = 108.75m^2$
					2
					$30m \times 3.65m = 109.5m^2$
					$3 \times 30m \times 3.75m = 337.5m^2$
					$1 \times 30m \times 3.7m = 111m^2$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		$4 \times 30\text{m} \times 3.75\text{m}$			$= 450\text{m}^2$
		$1 \times 30\text{m} \times 3.75\text{m}$			$= 112.5\text{m}^2$
		$1 \times 30\text{m} \times 3.75\text{m}$			$= 112.5\text{m}^2$
		$4 \times 30\text{m} \times 3.75\text{m}$			$= 450\text{m}^2$
		$1 \times 30\text{m} \times (3.75 + 5.693)$			$= 123.5\text{m}^2$
					3
		$1 \times 30\text{m} \times \frac{(3+3.75)}{2}$			$= 101.25\text{m}^2$
		$1 \times 30\text{m} \times 3.75\text{m}$			$\approx 112.5\text{m}^2$
		$1 \times 30\text{m} \times \frac{(3.75 + 4 + 5)}{2}$			$= 127.5\text{m}^2$
					3
		$1 \times 30\text{m} \times \frac{(5+3.75)}{2}$			$= 131.25\text{m}^2$
		$5 \times 30\text{m} \times 3.75\text{m}$			$= 562.5\text{m}^2$
		$2\text{m} \times 3.75\text{m}$			$= 30\text{m}^2$
					Total = 1027.5m^2
		Qty Limit as per			
		agreement			$= 10267.5\text{m}^2$

(10/10) SDBC - 1/v 2 layering

Semi dense bituminous

Concrete with 100-120 etc.

$$1 \times 30\text{m} \times \frac{(5.35 + 3.75) \times 0.025}{2} = 9.81\text{m}^3$$

$$1 \times 30\text{m} \times 3.75\text{m} \times 0.025 = 2.81\text{m}^3$$

$$12 \times 30\text{m} \times 3.75 \times 0.025 = 33.75\text{m}^3$$

$$1 \times 30\text{m} \times (4.05 + 4.2 + 3.6) \times 0.025 = 2.96\text{m}^3$$

3

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$14 \times 30 \text{ m} \times 3.75 \times 0.025 \text{ m} = 33.75 \text{ m}^3$
					$1 \times 30 \text{ m} \times (3.75 + 3.6) \times 0.025 = 2.75 \text{ m}^3$
					2
					$30 \times 30 \text{ m} \times 3.75 \times 0.025 \text{ m} = 84.375 \text{ m}^3$
					$1 \times 30 \text{ m} \times 3.7 \text{ m} \times 0.025 \text{ m} = 2.77 \text{ m}^3$
					$1 \times 30 \text{ m} \times (3.7 + 3.4 + 3.5) \times 0.025 = 2.65 \text{ m}^3$
					3
					$1 \times 30 \text{ m} \times (3.5 + 3.7 + 3) \times 0.025 = 2.55 \text{ m}^3$
					3
					$1 \times 30 \text{ m} \times (3 + 3.2 + 3.6) \times 0.025 = 2.4 \text{ m}^3$
					3
					$30 \text{ m} \times (3.6 + 3.2 + 3.6) \times 0.025 = 2.6 \text{ m}^3$
					3
					$30 \text{ m} \times (3.6 + 3.65) \times 0.025 = 2.72 \text{ m}^3$
					2
					$30 \text{ m} \times 3.65 \text{ m} \times 0.025 = 2.74 \text{ m}^3$
					$3 \times 30 \text{ m} \times 3.75 \text{ m} \times 0.025 = 8.44 \text{ m}^3$
					$1 \times 30 \text{ m} \times 3.7 \text{ m} \times 0.025 = 2.77 \text{ m}^3$
					$4 \times 30 \text{ m} \times 3.75 \times 0.025 = 11.25 \text{ m}^3$
					$1 \times 30 \text{ m} \times 3.75 \times 0.025 = 2.81 \text{ m}^3$
					$1 \times 30 \text{ m} \times 3.75 \times 0.025 = 2.81 \text{ m}^3$
					$4 \times 30 \text{ m} \times 3.75 \times 0.025 = 11.25 \text{ m}^3$
					$1 \times 30 \text{ m} \times (3.75 + 5.6 + 3)$
					3
					$\times 0.025 = 3.08 \text{ m}^3$
					$1 \times 30 \text{ m} \times (3 + 3.75) \times 0.025 = 2.53 \text{ m}^3$
					2
					$1 \times 30 \text{ m} \times 3.75 \times 0.025 = 2.81 \text{ m}^3$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		$1 \times 30m \times (3.75 + 4 + 5)$			
			3		$\times 0.025 = 3.18m^2$
		$1 \times 30m \times (5 + 3.75)$			
			2		$\times 0.025 = 3.28m^2$
		$5 \times 30m \times 3.75m \times 0.025 = 14.25m^2$			
		$8m \times 3.75m \times 0.025 = 0.75m^2$			
					$QTY = 256.92m^2$
		Qty Limit as per agreement = 256.69m ²			
		Qty 256.69 12/11/12 JE			12/11/12 12/5/24 APP
(1) 11/11/12) Km stone:- Reinforced cement Concrete m-15 grade Km Local Stone etc.					
(i) Km stone:- QTY = 4 Nos					
		=			
(ii) 200m Stone:-					
		QTY = 11 Nos.			
(12/13) Direction & place Indentification:- Retro- reflectorized traffic sign P/v & erating direction & place Indentification etc.					
		$2 \times 1.2 \times 0.8 = 1.92m^2$			
					$QTY = 1.92m^2$
(13/14/15/16) P/v & fixing of					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Retro - reflectorised					
Cautionary, mandatory					
2 Informative signs etc					
(i) 600mm equilateral					
2 triangle -					
		$\varnothing H = 10 \text{ No.}$			
(ii) 600mm circular :-					
		$\varnothing H = 4 \text{ No.}$			
(iii) 600mm x 450mm rectangular					
		$\varnothing H = 6 \text{ No.}$			
(14/17) Boundary pillar:-					
Reinforced cement concrete					
M-15 grade boundary					
Pillar etc.					
		$\varnothing H = 48 \text{ No.}$			
(15/18) Planting of tree by the road side etc.					
		$\varnothing H = 101 \text{ No.}$			
(16/19) P/v 2 layering of hot applied thermoplastic					
Compound 2.5mm thick					
etc.					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	$2 \times 9.1 \times 30m \times 0.1m$				$= 546 m^2$
	$2 \times 8m \times 0.1m$				$= 1.6 m^2$
	2x 13.05 x 1m				$\text{QTY} = 547.6 m^2$
(17/20)	Fixing of typical MR Informatory Sign board with logo etc				
					$\text{QTY} = 2 \text{ NO.}$
(18/20)	1 st No. parapet wall				
					$Clr - 4.5m$
(18/21)	Brick masonry wall in cement mortar 1:3 in parapet wall				
					$2 \times 6 \times 0.4m \times 0.6 = 2.88$
					$\downarrow A_1$
(19/22)	Plastering with cement mortar (1:4) on brick work etc.				
Side face					$4 \times 6m \times 0.6m = 14.4 m^2$
TOP					$2 \times 6m \times 0.4m = 4.8 m^2$
Front face					$4 \times 0.4m \times 0.6m = 0.96 m^2$
					$\text{QTY} = 20.16 m^2$
					$\downarrow B_1$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

(20/23) Painting two coats

Including primer coat

after filling etc.

Same Area over

Item no - (19/22)

Front
Back
Rear
Sides
15' 0" x 5' 0"

$$QH = 20.16 \text{ m}^2$$

↓
C1

2nd no - Parapet wall

Alt - 70 m

(21/21) Brick Masonry

work in cement

mortar etc.

Same Area over

Item no -

$$2 \times 6 \text{ m} \times 0.4 \text{ m} \times 0.6 = 2.08 \text{ m}^3$$

↓
A2

(22/22) Plastering with

cement mortar

(1:4) on brick work

$$\text{s/face} - 4 \times 6 \times 0.6 \text{ m} = 14.4 \text{ m}^2$$

$$\text{Top} - 2 \times 6 \times 0.4 \text{ m} = 4.8 \text{ m}^2$$

$$\text{f/face} - 4 \times 0.4 \times 0.6 \text{ m} = 0.96 \text{ m}^2$$

$$QH = 20.16 \text{ m}^2$$

↓
B2

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(23/23) Painting two coats including Primer Coat after filling the surface etc.					
Surface	450	Same Area			
over Item no - 22/22					
				$\text{Qtr} = 20.16 \text{ m}^2$	
10.5.21	10.5.21	10.5.21	AB		↓ ce
3rd no. Parapet Wall					
C17 - 110 m					
(24/21) Brick masonry work in cement mortar (1:3) in Parapet etc.					
				$2 \times 6 \times 0.4 \times 0.6 = 2.88 \text{ m}^3$	
					↓ A3
(25/22) Plastering with cement mortar on brick work etc.					
S/F - $4 \times 6 \times 0.6 \text{ m} = 14.4 \text{ m}^2$					
Top - $2 \times 6 \times 0.4 = 4.8 \text{ m}^2$					
Front $4 \times 0.4 \times 0.6 = 0.96 \text{ m}^2$					
				$\text{Qtr} = 20.16 \text{ m}^2$	
					↓ B3
(26/23) Painting two coats					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Including Priming Coats etc.					
Same Area over					
Item no - 25/22					
$QTY =$					$20.16 m^2$
Brickwork 4th flr 13' x 5' - 21'					↓ C3
4th no. Parapet wall					
C1+ - 1155 m					
(27/21) Brick masonry work in cement mortar etc.					
$2 \times 6 \times 0.4 \times 0.6 = 2.88 m^3$					↓ A4
(28/22) Plastering with cement mortar on brick work etc.					
S/Face - $4 \times 6 \times 0.6 m = 14.4 m^2$					
Top - $2 \times 6 \times 0.4 = 4.8 m^2$					
F/Face - $4 \times 0.4 \times 0.6 = 0.96 m^2$					
$QTY = 20.16 m^2$					
By					
(29/23) Painting two walls including Primer Coats after filling					

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Particulars	No.	L.	B.	D.	of area
ABSTRACT OF COST					
(1) clearing & grubbing Road Land etc.					
Qty vide TMB P-1					
Qty = 0.55 Ha					
@ £ 51133 = 76 / Ha ————— £ 28021 =					
(2) Constr. of Subgrade 2 earthen shoulder etc.					
Qty vide TMB P-2					
Qty = 1045 m³					
@ £ 175 = 22 / m³ ————— £ 18310.5 = 00					
(3) Constr. of Irrawader Sub-base by providing well graded material etc.					
Qty vide TMB P-2/3					
Qty = 69.42 m³					
@ £ 2004.06 / m³ ————— £ 139122 = 00					
(4) P/v, laying, spreading 2 compacting of 108 m² etc.					
Qty vide TMB P-3 to 6					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				$\text{Qty} = 65.07 \text{ m}^3$	
				$@ ₹ 3568.50/\text{m}^3$	$₹ 23220.8200$
(5/5) P/v, laying, spreading					
2 Compacting of UBM-II etc.					
Qty vide TMB P-6 to 8					
$\text{Qty} \geq 32.3 \text{ m}^3$					
$@ ₹ 3308=20/\text{m}^3$					$₹ 305347=0$
(6/6) Prime coat:- P/v					
2 applying primer					
Coat with bitumen emulsion (SS-1) + n					
Preferred Surface of granular base etc					
Qty vide TMB P-8 to 9					
$\text{Qty} = 1230.67 \text{ m}^3$					
$@ ₹ 42=10/\text{m}^2$					$₹ 51909=0$
(7/7) Tack coat:- P/v 2					
applying tack coat					
with bitumen emulsion					
(RS-1) etc.					
Qty vide TMB P-9					
$\text{Qty} = 1356.24 \text{ m}^3$					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@ ₹ 14 = ₹ 34/m ²					₹ 19362 ^{±0}
(8/8) P/lv, laying 2 layers of close graded premix surfacing material etc.					
Qty visible TMB P-9					
Qty = 1350.24 m ²					
@ ₹ 205 = ₹ 65/m ²					₹ 277677=
(9/9) P/lv 2 applying tack coat with Bitumen emulsion (RJ-1) etc.					
Qty visible TMB P-10+11					
Qty = 10267.5 m ²					
@ ₹ 12 = ₹ 2/m ²					₹ 123415 ^{±00}
(10/10) P/lv 2 applying layer Semi dense bituminous concrete etc.					
Qty visible TMB P-11 to 13					
Qty = 444 m ²					
Qty = 256.69 m ²					
@ ₹ 16862 = ₹ 44/m ²					₹ 2711324=
(11/11/12) 1cm stone:- Reinforced cement Concrete M-15					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
grade km 20 cat					
Stone etc.					
(i) km stone:-					
Qty visible TMB P-13					
Qty = 4 Nos.					
@ ₹ 2334 = 97/Nos. → ₹ 9580.00					
(ii) 200m Stone:-					
Qty visible TMB P-13					
Qty = 11					
@ ₹ 641 = 27/Nos. → ₹ 7054 = 00					
(12/13) direction & place mandatory signs					
Retro-reflectorised					
traffic sign etc					
Qty visible TMB P-13					
Qty = 1.92 m ²					
@ ₹ 12307 = 01/m ² → ₹ 23629 = 00					
(13/14/15/16) 1m & Fixing of Retro-reflectorised					
Cautionary, mandatory & informative etc.					
(i) 600mm equilateral & triangle					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
QTY visible TMB P-14					
QTY = 10 No.					
@ ₹ 3710 = 15 / No.					₹ 3710 × 15 = 55650
(ii) 600mm circular					
QTY visible TMB P-14					
QTY = 4 No.					
@ ₹ 3806 = 7 / No.					₹ 3806 × 7 = 26642
(iii) 600mm x 450m rectangular					
QTY visible TMB P-14					
QTY = 6 No.					
@ ₹ 3677.58 / No.					₹ 3677.58 × 6 = 22065
(iv/17) Boundary Pillars:-					
Reinforced cement					
Concrete M-15 grade					
boundary Pillars etc.					
QTY visible TMB P-14					
QTY = 48 No.					
@ ₹ 51 = 18 / No.					₹ 51 × 18 = 918
(15/10) Plating of tree by the road side etc.					
QTY visible TMB P-14					
QTY = 101 No.					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@ ₹ 819 = ₹ 92/m ²					₹ 82811.20
(16/19) P/v & laying of hot applied thermoplastic Compound 2.5 mm thick etc					
Qty wide TMB P-15					
Qty = 547.6 m ²					
@ ₹ 735 = ₹ 49/m ²					₹ 402727.25
(17/20) P/v and fixing of MR. Information sign board with logo etc					
Qty wide TMB P-15					
Qty = 2 NO.					
@ ₹ 9542 = ₹ 9/m ²					₹ 19086.00
(18/21) Brick Masonry wall in cement mortar 1:3 in parapet wall etc					
2.00 m ³ Qty wide TMB P-15 marked A1					
2.00 m ³ Qty wide TMB P-16 marked A2					
2.00 m ³ Qty wide TMB P-17 marked A3					
2.00 m ³ Qty wide TMB P-18 marked A4					
11.52 m ³ @ ₹ 141 = ₹ 1/m ³					₹ 159234.24
(19/22) Plastering wall					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Cement mortar on brick work etc.					
QTY visible TMB					
0.16 m ² QTY visible TMB P-15 marked B1					
0.16 m ² QTY visible TMB P-16 marked B2					
0.16 m ² QTY visible TMB P-17 marked B3					
0.16 m ² QTY visible TMB P-18 marked B4					
0.64 m ² @ ₹ 180 = ₹ 35/m ² — ₹ 14543/-					
(23) Painting two coat reflecting polymer base etc.					

8

20.16 m ²	Qty under TMB P-16 marked	
20.16 m ²	Qty under TMB P-17 marked	
20.16 m ²	Qty under TMB P-18 marked	
20.16 m ²	Qty under TMB P-19 marked	
80.64 m ²	@ ₹ 89 = ₹ 7216 = 00	
	Total = ₹ 4796298 = 00	
Add 1% L/Cess	= ₹ 47963 = 00	
Add 12% GST	= ₹ 575556 = 00	
Storage fee	= ₹ 29016 = 00	
	Total = ₹ 4448833 = 00	
Less 11% below as per agreement	= ₹ 599372	
	Net = ₹ 4849461	
<i>(Signature)</i>	<i>(Signature)</i>	<i>(Signature)</i>
20.5.22	20.5.22	20.5.22

B-03
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continuation

Continuation