

Handwritten text in Marathi, likely a letter or report, mentioning 'महाराष्ट्र' (Maharashtra) and 'महाराष्ट्र सरकार' (Maharashtra Government).

Executive Engineer
RWD Works Division
Mumbai

Letter to Mr. Mohanram
Kumar 16 Chhatrapati
Sahib Road

Signed
23.09.20
AB

Sch. XLV - Form No. 134

_____ DIVISION
_____ SUB-DIVISION

Measurement Book

No.

2nd or A/c bill
Abstract of Cost
24

Sch. XLV-Form No. 134

Particulars	Details of actual measurements				Contents of area
	No.	L	B	H	
① Providing and fixing of existing bench mark pillar					
Qty vide TMB page no-1 Item 1					
= 4 nos @ Rs. 3941.35/each					Rs. 15765/-
② Reference pillar					
Qty vide TMB Page no-1 Item 2					
13 nos @ Rs. 1824.51/each					Rs. 23718/-
③ Clearing and Grubbing hard land etc.					
Qty vide TMB page no. 01 Item no-3					
= 2.205 nos @ Rs. 49739.47/-					Rs. 109679/-
④ Excavation of roadway in soil					
Using manual means for carrying of cut earth.					
Qty vide TMB Page no-2 and 18 Item no. 4 and 19					
$(93.591 + 183.463) = 277.054 \text{ m}^3$					
@ Rs. 81.20/m ³					Rs. 22497/-
⑤ Construction of Embankment with material obtained from borrow pit - 1000 m lead.					
Qty vide TMB Page no-2 & 3					
25.5 m ³ @ Rs. 187.91/m ³					Rs. 16032/-
⑥ For 100 m lead					
Qty vide TMB page no-3					
225 m ³ @ Rs. 151.95/m ³					Rs. 34188/-

Continuation

Rs. 221875/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\frac{7}{10}$ Construction of Subgrade and earthen shoulder with approved material Qty vide TMB Page no-3.					
900 m ³ @ Rs. 230.96/m ³ - Rs. 207864/-					
$\frac{8}{11}$ GSB in BT Portion. Construction of granular sub-base by providing well graded material. Qty vide TMB Page no-18 and 19 Item no- $\frac{20}{11}$					
= 792.533 m ³ @ Rs. 3346.35/m ³ Rs. 2652093					
$\frac{9}{12}$ WBM Gr-3 Providing, laying, spreading and compacting Stone aggregate Qty vide TMB Page no-19 & 20 Item no- $\frac{21}{12}$					
= 440.4 m ³ @ Rs. 4609.91/m ³ - Rs. 2030204					
$\frac{10}{13}$ Prime coat providing and laying applying prime coat with bitumen emulsion. Qty vide TMB Page no-20 Item $\frac{22}{13}$					
= 5887.5 m ² @ Rs. 53.97/m ² - Rs. 317748/-					
$\frac{11}{14}$ Tack coat. Providing and applying tack coat with bitumen emulsion. Qty vide TMB Page no. 20, 21 Item $\frac{23}{14}$					
= 5887.5 m ² @ Rs. 18.16/m ² - Rs. 106917/-					

Continuation

Rs. 5536701/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12/15) M 9.5 Providing, laying and rolling of close graded premix Surfacing material of 20mm thick.					
Qty vide TMB Page no - 21					
Item no - $\frac{24}{15}$					

$$= 5887.5 \text{ m}^2 @ \text{Rs. } 273.17/\text{m}^2 = \text{Rs. } 1608288$$

(13/16) C/SB in PCC position.
Construction of granular Sub

base by providing well graded material.

Qty vide TMB Page no - 4 and 21

$$(96.825 + 29.947)$$

$$= 126.772 \text{ m}^3 @ \text{Rs. } 3346.35/\text{m}^3 = \text{Rs. } 424223/-$$

(14/17) WRM C/SB. Providing and laying spreading and compacting Stone aggregate.

Qty vide TMB Page no - 4, 5, 6

and 22 Item no - $\frac{7}{17}$ and $\frac{26}{17}$

$$= (398.244 + 108.353)$$

$$= 436.597 \text{ m}^3 @ \text{Rs. } 4609.91/\text{m}^3 = \text{Rs. } 2012673/-$$

(15/18) PCC M 30

Construction of Un reinforced cement Concrete Pavement.

Qty vide TMB Page no - 6, 7 and 22

Item no - $\frac{10}{18}$ and $\frac{22}{18}$ (700.31 + 231.158)

$$= 931.466 \text{ m}^3 @ \text{Rs. } 8042.37/\text{m}^3 = \text{Rs. } 7491194/-$$

Continuation

Rs. 17073079/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\frac{16}{20}$ Kilometer Stone.					
Reinforced Cement concrete M15					
grade Kilometer local Stone					
Qty vide TMB Page no - 23					
Item no - $\frac{28}{20}$					
4 nos @ Rs. 2490.54/each					9962/-
$\frac{17}{21}$ 200 m Stone					
Qty vide TMB Page 23 Item $\frac{29}{21}$					
12 nos. @ Rs. 683.50/each					Rs. 8202/-
$\frac{18}{26}$ Road marking with hot					
applied thermoplastic compound.					
In BT portion.					
Qty vide TMB Page no - 23					
Item no - $\frac{30}{26}$					
= 310.6 m ² @ Rs. 817.33/m ²					Rs. 253862/-
$\frac{19}{27}$ Road marking with hot					
applied thermoplastic compound					
In PCC portion.					
305.8 m ² @ Rs. 917.34/m ²					Rs. 280522/-
4 nos HP cutest 1x600mm					
$\frac{20}{30}$ Providing and fixing logo					
of MMGSY project.					
Qty vide TMB Page no - 7 Item $\frac{11}{30}$					
= 2 nos @ Rs. 100,99.27/each					Rs. 20198/-

Continuation

Rs. 17645825/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4 nos. 1X600mm HP culvert					
(21/31) E/w in excavation for foundation of structure.					
Qty vide TMB Page no-12					
Item no- $\frac{1}{31} = 62.646 \text{ m}^3$					
@Rs. 261.90/m ³					Rs. 16407/-
(22/32) Providing M15 CC as levelling course					
Qty vide TMB Page no-12					
Item no- $\frac{2}{32}$					
= 11.382 @ Rs. 6217.66/m ²					Rs. 70769/-

(23/33) Brick masonry work in
Cm 1:4 in head wall
Qty vide TMB Page no-12, 13
Item no- $\frac{3}{33}$
= 55.478 m³ @ Rs. 5711.56/m³ Rs. 316866/-

(24/34) Providing and laying RCC
Pipe NP-3 for culvert on first
class bedding of PCC m10
Qty vide TMB Page no-13
Item no- $\frac{4}{34}$
= 30 m @ Rs. 4242.92/m Rs. 127287/-

(25/35) Plastering with CM (1:4) on brick
work. Qty vide TMB Page no-13 Item $\frac{5}{35}$
= 153.91 m² @ Rs. 163.51/m² Rs. 25166/-

Continuation

Rs. 18202320/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 nos. Slab culvert 1.5 m span					1 vest he
(26/38) E/W for excavation for foundation of structure.					
Qty vide TMB page no - 13, 14					
Item no - 6/38					
173.3 m ³ @ Rs. 261.90/m ³					Rs. 45387/-
(27/39) Sand filling in foundation trenches. As per drawing.					
Qty vide TMB page no - 14					
Item no - 7/39					
= 1.738 m ³ @ Rs. 465.13/m ³					Rs. 808/-
(28/40) Providing PCC M15 concrete for open foundation.					
Qty vide TMB page no - 14 and item no - 8/40					
= 22.596 m ³ @ Rs. 6217.66/m ³					Rs. 140494/-
(29/41) Brick masonry work in Cement mortar cm (1:4) in foundation. Qty below ground level					
Qty vide TMB page no - 14 item 9/41					
= 95.313 m ³ @ Rs. 5445.98/m ³					Rs. 519072/-
(30/42) Brick masonry work 1:4 in Cement mortar in Substructure.					
Qty vide TMB page no - 15 item no - 10/42					
= 30.10 m ³ @ Rs. 5711.56/m ³					Rs. 171918/-

Continuation

Rs. 19079999/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\frac{31}{42}$ Plain/reinforced cement concrete for substructure complete as per drawing & technical specification. Qty vide TMB Page no-15 and Item no- $\frac{11}{43}$					
7.776 m ³ @ Rs. 7241.52 / m ³ - Rs. 56310/-					
$\frac{32}{44}$ Providing Bitumen painting over top surface of abutment cap and inner vertical surface Qty vide TMB Page no-15 Item no-12					
= 27.3 m ² @ Rs. 18.16 / m ² - Rs. 495/-					
$\frac{33}{45}$ RCC M25 in Deck slab. Providing and laying reinforced cement concrete in superstructure as per drawing and tech. specification Qty. vide TMB Page no-16 Item $\frac{13}{45}$					
= 6.489 m ³ @ Rs. 8378.25 / m ³ - Rs. 54366/-					
$\frac{34}{46}$ Supplying, fitting and placing HYSD bar reinforcement in Super structure Qty vide TMB Page no-16, 17 Item no- $\frac{14}{46}$					
= 0.90 MT @ Rs. 71288.41 / MT - Rs. 64159/-					

Continuation

Rs. 19255329/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\frac{25}{47}$ Providing and filling joint sealing compound as per drawing and technical specification with coarse sand etc Qty vide TMB Page no-17 Item $\frac{15}{47}$ = 30m @ Rs. 36.65/m — Rs. 1099/-					
$\frac{36}{48}$ Brick masonry work in Cement mortar 1:3 in parapet Qty vide TMB Page no-17 and Item no- $\frac{16}{48}$ = 7.20m ² @ Rs. 6110.23/m ² — Rs. 43993/-					
$\frac{37}{49}$ Plastering with cement mortar (1:4), 15mm-thick on brick work in Sub-structure Qty vide TMB Page no-17 Item no- $\frac{17}{49}$ = 102.734 m ² @ Rs. 163.51/m ² — Rs. 16798/-					
$\frac{38}{51}$ Providing weepholes in brick masonry plain/reinforced cement concrete abutment/retain wall with 100 mm dia AC pipe Qty vide TMB Page no-17 and Item no- $\frac{18}{51}$ = 40 nos @ Rs. 120.06/each — Rs. 4802/-					

~~Shah~~
 01/06/21
 B

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 01/06/21
 B

$$\textcircled{1} \text{ EFW} = 1210.5 \text{ m}^3$$

②. Stone metal = 1944 m³

③ Coarse Sand = 872.24 m^3

④ Screening = 210.48 m³

(5) stone chips = 878.34 m³

⑥ Brick. - 94046 nos.

(7) (S-1)	—	5005 kg
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(8) (Rs-1)	-	16/908 kg
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⑨	590	-	11186.25 kg
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10/10/20

Continuation