

Rd Niwara → Indrabadar Pandey house to Mahkama Middle school.

Head - MMHSA (SC)

Lecture XIV-Form No. 134

R W D (W) Jammil  
DIVISION

Alligand  
SUB-DIVISION

Kumar Grantor  
Agm. 12 (SBO) / 21-22

MEASUREMENT BOOK

MB No. 2918

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W:- Const <sup>n</sup> of road from Indrader Pandey house to Markam middle school.					
Agency:- Sri Kumar Gaurav.					
Agreement NO:- 12 SBD/2021-22					
Agreement Amount:- 50,05,792					
Const <sup>n</sup> cost:- 41,33,303					
Maintenance cost:- 8,72,489					
Date of commencement:- 13.09.2021					
Date of completion:- 12.06.2022					
Actual Date of completion:- 30.9.2023					

① P/L spreading & Compaction					
WBM Gr-3 - 311 Loop					
5	30.0	3.75	0.075		42.19 m <sup>3</sup>
10	30.0	3.75	0.075		84.37 "
6	30.0	3.75	0.075		50.62 "
5	30.0	3.75	0.075		42.19 "
1	20.0	3.75	0.075		5.62 "
					<u>224.99 m<sup>3</sup></u>

② P/A Primer coat with bitumen emulsion - 311 Loop					
Qty:- Same as item no ① this stage					
					= 224.99

⇒ 224.99 / 0.075 =  
Continuation  
⇒ 2999.87 m<sup>2</sup>

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑩ Providing RCC M20 200 sub-structure - 211 Const					
Asst (20) - $2 \times 7.50 \times 0.70 \times 0.20 = 2.10 \text{ m}^3$					
$2 \text{ MB} \times 2.10 = 4.20 \text{ m}^3$					
D/W - $2 \times 2 \times 7.50 \times 0.40 \times 0.210 = 2.52 \text{ m}^3$					
Ret wing (20) $2 \times 2.20 \times 0.40 \times 0.150 = 1.05 \text{ m}^3$					
					7.77 m <sup>3</sup>
⑪ Providing bitumen paint over top surface - Const =					
Asst $2 \times 7.50 \times 0.70 = 10.50 \text{ m}^2$					
D/W $2 \times 7.50 \times 2.10 = 31.50 \text{ m}^2$					
					42.00 m <sup>2</sup>
					27.30 m <sup>2</sup>
⑫ S/P placing HYSD 1000 reinforcement - 211 Const					
M - $75 \times 1.50$					112.50
D - $15 \times 7.25$					108.75
TH - $28 \times 0.40$					11.20
C - $8 \times 2.0$					16.00
TM - $73 \times 1.50$					109.50
TD - $13 \times 7.25$					94.25
H - $25 \times 0.50$					12.50
Cap - $3 \times 4 \times 7.50$					240.00
Ring - $70 \times 1.25$					87.50
					352.20
					352.20
					313.46 m <sup>3</sup>
					350.94 m <sup>3</sup>
Total - $53.98 + 313.46 + 350.94$					

Continuation = 718.38 kg.  
= 14.36.76 MT.

lt.



2nd on A/c Bill

Abstract of Cost

15

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① P/L of working bench on gate pillars - Comp.					
0.180 km P - (4)					
@ Rs 1910.42 / km					Rs 25828.50
② Clearing & grubbing road & road surrounding					
up to 211 loop.					
0.28 Hec P - (4)					
@ Rs 5133.74 / Hec					Rs 14317.50
③ Cost of Embankment with approved cost sheet obtained - 211 loop.					
194.05 m <sup>3</sup> P - (14) head 1000					
@ Rs 135.12 / m <sup>3</sup>					Rs 26,220.00
1860.0 m <sup>3</sup> P - (14) subgrade					
@ Rs 176.80 / m <sup>3</sup>					Rs 328,960.00
④ Cost of G.S. by providing well graded materials - 211 loop					
648.0 m <sup>3</sup> P - (4)					
@ Rs 1502.36 / m <sup>3</sup>					Rs 9,73,529.00
⑤ P/L spreading & compacting with Gr-3 - 211 loop					
224.00 m <sup>3</sup> P - (7)					
@ Rs 1920.88 / m <sup>3</sup>					Rs 4,34,429.00

Continuation 18,03,283.00

Particulars	Details of actual measurement			Contents of area
	No.	L.	B. D.	
			B.P.R. 25,87,581 = W	
(10/12) P/F of metro reflector sized cautionary boundary sign - loop				
4.0 NB P-(13) 600mm x 300mm				
			@Rs 3419.79 / each Rs	13,679 = W
3.0 NB P-(13) 600mm circular				
			@Rs 4645.45 / each Rs	13,936 = W
4.0 NB P-(13) 800 x 600 mm				
			@Rs 6546.68 / each Rs	26,187 = W
3.0 NB P-(13) 600 x 450 mm				
			@Rs 4519.99 / each Rs	13,560 = W
4.0 NB P-(12) diamond plate				
			@Rs 11615.09 / each Rs	46,460 = W
(11/13) P/L of not supplied				
Thermoplastic compound				
- 211 loop				
160.0 m <sup>2</sup> P-(12)				
			@Rs 735.44 / m <sup>2</sup> Rs	1,17,670 = W
(12/17) P/F of Typical 21 MM GSY				
25. for factory sign board with logo - 211 loop				
2.0 NB P-(15)				
3.0 NB P-(13)				
5.0 NB			@Rs 9242.75 / each Rs	46,214 = W
(13/18) E/Wig excavation in structure - 211 loop				
175.36 m <sup>2</sup> P-(8)				
			@Rs 29473 / m <sup>2</sup> Rs	51,684 = W
Continuation				
Rs 29,16,971 = W				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Rs 29,16,971 = <sup>00</sup>
(4/19) Sand filling in fond <sup>s</sup> for class - 211 loop					
0.97 m <sup>3</sup> P - (8)					
@ Rs 1166.15/m <sup>3</sup>					Rs 1131 = <sup>00</sup>
(15/21) Providing RCC in open fond <sup>s</sup> - 211 loop					
22.82 m <sup>3</sup> P - (9)					
@ Rs 4836.03/m <sup>3</sup>					Rs 1,02,807 = <sup>00</sup>
(16/22) Brick Masonry work 27 fond <sup>s</sup> - 211 loop					
103.59 m <sup>3</sup> P - (9)					
@ Rs 6128.28/m <sup>3</sup>					Rs 6,34,829 = <sup>00</sup>
(17/23) Brick Masonry work 27 Substructure loop					
52.18 m <sup>3</sup> P - (8)					
@ Rs 6416.62/m <sup>3</sup>					Rs 3,34,178 = <sup>00</sup>
(18/24) Providing RCC in Substructure - loop					
7.77 m <sup>3</sup> P - (10)					
@ Rs 5582.15/m <sup>3</sup>					Rs 43,373 = <sup>00</sup>
(19/25) Providing bitumen paint over top surface - - 211 loop					
27.30 m <sup>2</sup> P - (10)					
@ Rs 14.50/m <sup>2</sup>					Rs 396 = <sup>00</sup>

Continuation Rs 40,33,685 =<sup>00</sup>

