

M.M.G.S. (SC)

हिंदी गद्य एवं कविता

Schedule XLV-Form No. 134

कार्यपालक अभियन्ता

DIVISION

आयुक्त कार्यालय विभाग 16/11/11

आयुक्त कार्यालय (प्रशासन)

SUB-DIVISION

आयुक्त कार्यालय, आर. आर. रो. गाँव

545

MEASUREMENT BOOK

आयुक्त → श्री 11/11-11/11/11

3rd and Final Bill

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Dihuri Dabar					
Path to Ritoghi					
Name of Agency - Ramnandan Singh Thari Kalapahar					
Aurangabad,					
Agreement No - 4080/2019-2020					
Date of Commencement - 22/10/2019					
Date of Completion - 21/10/2020					
Date of measurement -					
work done detail					
(1/2) Construction of emb -					
contment with app.					
- need material atai					
- need from borrow					
pits etc do do - all comp.					
E/w calculation as					
per graph.					
CH (in)	C/S Area	Mean C/S	Length	Quantity	
m	m ²	Ave m ²	m	m ³	
0	3.505	1.00	2-	3.50	
50	3.181	3.343	50	167.150	
100	4.065	3.623	50	181.150	
150	4.528	4.297	50	214.825	
200	4.703	4.616	50	230.775	
250	5.740	5.222	50	261.075	
300	5.704	5.722	50	286.100	
350	6.332	6.018	50	300.900	

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH in (m)	Area m ²	Mean c/s Area m ²	Length chs		Quantity m ³
400	5.862	6.097	50		304.850
450	6.632	6.247	50		312.350
500	5.722	6.177	50		308.850
550	7.156	6.439	50		321.950
600	7.357	7.257	50		362.825
650	7.931	7.644	50		382.200
700	6.583	6.257	50		312.850
750	5.719	5.151	50		257.550
800	4.825	5.272	50		263.600
850	5.088	4.932	50		246.575
900	5.891	5.465	50		273.225
950	5.514	5.703	50		285.125
1000	6.690	6.102	50		305.100
1050	5.755	6.223	50		311.125
1100	6.275	6.015	50		300.750
1150	4.442	5.359	50		267.925
1200	6.754	5.598	50		279.900
1250	4.626	5.690	50		284.500
1300	2.500	3.553	50		178.150
1350	2.099	2.300	50		114.975
1400	1.800	1.955	50		97.725
1450	2.300	2.085	50		102.750
1500	2.156	2.228	50		111.400
1545	3.105	2.631	45		118.373
Total				Elw	7746.59 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					7740.59 m ³
Deduction					
less Subgrade & earthwork					
vide TMBP (23)					1767.83 m ³
G.S.B vide TMBP (24)					820.30 m ³
WBM G.S. vide TMBP (26)					441.92 m ³
P.C.C vide TMBP (26)					305.76 m ³
					E/W = 4410.78 m ³
Lead up to 100 m					
					4410.78 m ³ × 79.35% = 3499.95 m ³
(6) Lead up to 100 m					
					4410.78 m ³ × 20.65% = 910.83 m ³
(2/32) Painting on parapet wall (Black & white strips) etc do do. all Comp. job.					
					4 × 2 × 6.15 × 0.400 = 19.68 m ²
					4 × 4 × 6.15 × 0.600 = 59.04 m ²
					4 × 4 × 0.400 × 0.600 = 3.84 m ²
					82.56 m ²
(3/27) Painting on parapet wall (Black & white strips) etc do do. all Comp. job.					
					3 × 2 × 3.60 × 0.400 = 8.64 m ²
					3 × 4 × 3.60 × 0.600 = 25.92 m ²
					3 × 4 × 0.400 × 0.600 = 2.88 m ²
					37.44 m ²

Continuation

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Particulars	Details of actual measurement				Contents of area
	No. •	L.	B.	D.	
(⁴ / ₃₃) Providing and laying of a reinforced cement concrete pipe					
th do-do all comp.					
6 x 4 x 2.50 = 60 Rm.					
(⁵ / ₁₅) Reinforced Cement Concrete m ₁₅ grade					
th do-do all comp.					
ordinary kn stone					
Qty 2 Nos.					
200 mm stone					
Qty 6 Nos.					
(⁶ / ₁₉) Traffic Sign Providing and Fixing of Retroreflective					
Cautionary mandatory th do-do all comp. job.					
(i) 600 mm equilateral triangle.					
Qty 12 Nos.					
(ii) 800 mm x 600 mm rectangular					
Qty 8 Nos.					
(iii) 600 mm x 450 mm					

Continuation

Continuation

Abstract of Cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Setting out Pillars					
etc do do all Comp.					
2 Nos (Vide TMBP-23)					
@ Rs 4246 = 67					Rs 8493 = 34
Reference Pillars					
6 Nos (Vide TMBP-23)					
@ Rs 1927 = 35					Rs 11564 = 10
(2) Clearing and Grubbing Road Land					
etc do do all Comp.					
1.08 Hec (Vide TMBP-23)					
@ Rs 49139 = 47					Rs 53718 = 62
(3) Box Cutting Excavation for road way in					
Soil etc do do all					
Comp. Job.					
88.72 m ³ (Vide TMBP-23)					
@ Rs 82 = 01					Rs 7275 = 92
(4) Construction of Sub-grade and earthen Shoulders etc do do all Comp. Job.					
1767.83 m ³ (Vide TMBP-23)					
@ Rs 189 = 11					Rs 334314 = 33
(5) Providing and fixing Logs of TMGS Project					

Continuation

Rs 415366 = 31

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 Nos (Vide TmBF-24)					
	@R2	9944 = 46		R2	19888 = 92
($\frac{6}{25}$) Earthwork in excavation etc do-do-also					
119.19 m ³ (Vide TmBF-24)					
	@R2	285 = 71		R2	34053 = 77
($\frac{7}{25}$) Providing m.p.u. 1:2:5:5:5 as levelling course in foundation etc do-do-also					
18.37 m ³ (Vide TmBF-24)					
	@R2	512 = 68		R2	94103 = 63
($\frac{8}{31}$) Providing & laying Rec Pipe NP ₂ for Culverts etc do-do-also					
30 m (Vide TmBF-24)					
	@R2	4653 = 08		R2	139592 = 40
($\frac{9}{30}$) Plain / reinforced Cement concrete Substructure etc do-do-also					
134.96 m ³ (Vide TmBF-24)					
	@R2	6030 = 42		R2	8,13,862 = 748

Continuation

Rs 15,16,870 = 51

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
($\frac{10}{32}$) Easthull of m. erect					
- valuation etc. do. do.					
all Comp. tub					
46.98 m ³ (Vide TMBF-25)					
@ R ₂ 285 = 71				R ₂ 13422 = 65	
($\frac{11}{34}$) Providing m ₁₅ Rec					
1:2:5:5) as levelling					
Course in foundation					
etc. do. do. all Comp.					
8.53 m ³ (Vide TMBF-25)					
@ R ₂ 5122 = 68				R ₂ 43696 = 46	
($\frac{12}{36}$) Providing and laying					
Rec pipe R ₁₃ for					
Culverts etc. do. do. all					
Comp. tub.					
22.50 m (Vide TMBF-25)					
@ R ₂ 1291 = 29				R ₂ 29054 = 02	
($\frac{13}{35}$) Plain / reinforced					
Current concrete in					
Substructure etc. do.					
do. do. Comp. tub					
45.49 m ³ (Vide TMBF-25)					
@ R ₂ 6030 = 42				R ₂ 274323 = 86	
($\frac{14}{38}$) Construction of gran-					
ular sub-base by					
providing well graded					
Continuation					R ₂ 1877367 = 44

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
material etc do do					
all Comp. job.					
820.30 m ² (Vide TMBF-26)					
@ Rs 2079 = 69					Rs 1745969 = 40
(15/2) Work Grading 3:					
Providing laying					
Spreading and Comp.					
- Acting Stone etc do					
do all Comp. job.					
441.92 m ² (Vide TMBF-26)					
@ Rs 2901 = 91					Rs 1282412 = 00
(16/2) Construction of cen-					
- reinforced plain ce-					
- ment concrete pave-					
- ment etc do do all					
Comp. job.					
305.76 m ² (Vide TMBF-26)					
@ Rs 6150 = 15					Rs 1880469 = 86
(17/2) Prime Coat: Providing					
and applying primer					
Coat etc do do all Comp.					
3994.45 m ² (Vide TMBF-27)					
@ Rs 54 = 40					Rs 2,17,314 = 40
(18/2) Providing and apply-					
ing tack Coat etc do					
do all Comp. job.					

Continuation

Rs 6963533 = 46

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3994.75 m ² (Vide TMBP-27)					
	@ Rs	18 = 06		Rs	72944 = 13
($\frac{19}{12}$) Providing laying and rolling of clay graded premix Surf- - are etc do-do all Comp. job.					
3994.75 m ² (Vide TMBP-27)					
	@ Rs	213 = 75		Rs	853877 = 81
($\frac{20}{22}$) Road marking :- Providing and laying + hot applied thermoplastic compound etc do-do-all Comp. job.					
209 m ² (Vide TMBP-28)					
	@ Rs	850 = 93		Rs	177844 = 37
($\frac{21}{24}$) Road marking :- (Proportion) Providing and laying of hot applied thermoplastic Compound etc do-do- all Comp. job.					
100 m ² (Vide TMBP-28)					
	@ Rs	953 = 99		Rs	95399 = 00
($\frac{22}{5}$) Construction of embankment etc do-do-					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
all Corrug. job					
load up to 100 m					
3499.92 m ² (Vide Table 22)					
@ Rs 122 = 22				Rs	463953.7
(6) load up to 100 m					
910.87 m ² (Vide Table 22)					
@ Rs 123 = 22				Rs	176534.7
(23/22) Painting on Parapet					
wall (Black & white					
stones) & do do all					
Comp. job.					
82.56 m ² (Vide Table 22)					
@ Rs 102 = 92				Rs	8993.32
(24/24) Painting on Parapet					
wall (Black & white					
stones) & do do-					
all comp. job					
37.44 m ² (Vide Table 23)					
@ Rs 103 = 92				Rs	4080.21
(25/25) Providing and laying					
of a reinforced con-					
crete concrete pipe etc					
do do all comp. job.					
606 m (Vide Table 24)					
@ Rs 1061 = 41				Rs	63684.60
(26/15) Reinforced Cement					
Continuation					Rs 8874849.02

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Concrete m/c grade					
etc do do all Comp.					
Ordinary Km stone					
2 Nos (Vide TMBP-34)					
@ Rs 2165 = 06					Rs 4330 = 12
(ii) 200 m stone					
6 Nos (Vide TMBP-34)					
@ Rs 633 = 53					Rs 3801 = 18
(27) Traffic Sign: Provi-					
(19) - ding and Fixing					
(20) of Retro reflective ca-					
- etenary material					
etc do do all Comp.					
a) 600 mm equilateral					
triangle					
12 Nos (Vide TMBP-34)					
@ Rs 4000 = 48					Rs 48005 = 76
(m) 800 mm x 600 mm					
rectangular					
8 Nos (Vide TMBP-34)					
@ Rs 7666 = 98					Rs 61335 = 84
(m) 600 mm x 450 mm					
rectangular					
6 Nos (Vide TMBP-35)					
@ Rs 5290 = 55					Rs 31743 = 30
(iv) 900 mm Side octagon					

Continuation

Rs 9024065 = 23

Continuation