

2nd and Final Bill

Sch. XLV-Form No. 134

Sch. XLV-Firm No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
Name of work - Goh					
Gaya Path to Bazar					
Verma Gaon Bhumi -					
- har Brahman Tole.					
Agency - Vivek Kumar					
Singh Al-chittornagar					
Distt. Aurangabad					
Agreement No-12580/2019-2020					
Date of Commencement - 27/07/20					
Date of Completion - 26/04/2020					
Date of measurement - 02/06/2020					

work done detail

(1/9) WBM Grading 3+

Providing Keying

spreading and Comp

- acting stone ch do-

do- all Comp. job.

$$5 \times 30 \times 3.75 \times 0.075 = 42.18 m^3$$

$$2 \times 30 \times 3.75 \times 0.075 = 16.87 m^3$$

$$3 \times 30 \times 3.75 \times 0.075 = 25.31 m^3$$

$$2 \times 30 \times 3.75 \times 0.075 = 16.87 m^3$$

$$1 \times 30 \times 3.75 \times 0.075 = 8.43 m^3$$

$$1 \times 10 \times 3.75 \times 0.075 = 2.81 m^3$$

$$112.47 m^3$$

Extra widening on Cam

$$\frac{0+8}{2} \times 7 \times 0.075 = 2.10 m^3$$

$$114.57 m^3$$

(2/10) Prime Cost : Providing and applying primer

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Coat etc do-do all					
Comp. job.					
$4 \times 30 \times 3.75 = 450 \text{ m}^2$					
$1 \times 30 \times 3.75 = 112.50 \text{ m}^2$					
$3 \times 30 \times 3.75 = 337.50 \text{ m}^2$					
$2 \times 30 \times 3.75 = 225 \text{ m}^2$					
$3 \times 30 \times 3.75 = 337.50 \text{ m}^2$					
$1 \times 10 \times 3.75 = 37.50 \text{ m}^2$					
					1500 m ²
extra widening on cum					
$\frac{0+8}{2} \times 2 \times 3.75 = 30 \text{ m}^2$					
					1530 m ²
($\frac{3}{11}$) Tack Coat & Providing and applying fere					
Coat etc do-do all comp.					
$4 \times 30 \times 3.75 = 450 \text{ m}^2$					
$1 \times 30 \times 3.75 = 112.50 \text{ m}^2$					
$3 \times 30 \times 3.75 = 337.50 \text{ m}^2$					
$2 \times 30 \times 3.75 = 225 \text{ m}^2$					
$3 \times 30 \times 3.75 = 337.50 \text{ m}^2$					
$1 \times 10 \times 3.75 = 37.50 \text{ m}^2$					
					1500 m ²
extra widening on cum					
$\frac{0+8}{2} \times 2 \times 3.75 = 30 \text{ m}^2$					
					1530 m ²
($\frac{4}{12}$) Providing laying and filling of classed premix surface etc do-do all					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Comp. Tub.					
	4	30	3.75		450 m ²
	1	30	3.75		112.50 m ²
	3	30	3.75		337.50 m ²
	2	30	3.75		225 m ²
	3	30	3.75		337.50 m ²
	1	10	3.75		27.50 m ²
				1500 m ²	
of the widening of cul.					
	0+8	2	3.75		30 m ²
	2				1530 m ²
(5/5) Construction of embankment with app.					

equal material obtained from borrow pits etc. do do all				
Comp. Tub.				
E/w Calculation as per graph.				
Ch in (m)	cls Area m ²	opencls Area m ²	length m	Quantity m ³
0	5.712			
50	5.515	5.614	50	280.675
100	5.694	5.605	50	280.225
150	8.378	7.036	50	351.800
200	7.730	8.054	50	402.700
250	7.568	7.649	50	382.450
300	7.232	7.400	50	370.000

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH in (m)	Area m ²	Area m ²	Area m ²	Length m	Quantity m ³
350	6.120	6.676		50	333.800
400	6.514	6.317		50	315.850
450	1.650	4.082		50	204.100
500	1.585	1.618		50	80.875
550	1.720	1.653		50	82.625
600	1.920	1.820		50	96.00
630	2.030	1.975		30	59.250
Total E/W					3235.35 m ³
<u>Deduction</u>					
Less Subgrade vide TMBP - (8)					135 m ³
Earthen shoulders vide TMBP - (8)					299.13 m ³
G.S.B vide TMBP - (8)					279.75 m ³
W.B.M vide TMBP - (9)					65.86 m ³
T.M.B.P. (13)					114.57 m ³
P.C.C. vide TMBP - (3)					140.56 m ³
Total E/W =					2200.48 m ³
(a) For 100 m lead					
$2200.48 \text{ m}^3 \times 61.71\% =$					1357.92 m ³
(b) For 1000 m lead					
$2200.48 \text{ m}^3 \times 38.29\% =$					842.56 m ³
$\left(\frac{6}{7}\right)$ Construction of sub-grade and earthen shoulders etc do-do					
all comp. job.					
$2 \times 6 \times 30 \times 1.18 \times 0.075 =$					31.86 m ³
$2 \times 3 \times 30 \times 1.18 \times 0.075 =$					15.93 m ³
$2 \times 4 \times 30 \times 1.18 \times 0.075 =$					21.24 m ³
$2 \times 1 \times 10 \times 1.18 \times 0.075 =$					1.77 m ³
$2 \times 3 \times 30 \times 1.38 \times 0.200 =$					49.68 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2 x 4	x 30	x 1.38	x 0.200	= 66.24 m ³
	2 x 6	x 30	x 1.38	x 0.200	= 99.36 m ³
	2 x 1	x 10	x 1.38	x 0.200	= 5.52 m ³
	2 x 1	x 30	x 0.375	x 0.160	= 3.60 m ³
	2 x 1	x 30	x 0.375	x 0.075	= 1.68 m ³
	2 x 1	x 30	x 0.375	x 0.100	= 2.25 m ³
					<u>299.13 m³</u>
($\frac{7}{24}$)	Painting on parapet wall etc do do all				
	Comp. job.				
	Top	2 x 2	x 6.15	x 0.400	= 9.84 m ²
	Side	2 x 4	x 6.15	x 0.600	= 29.52 m ²
	Front	2 x 4	x 0.400	x 0.600	= 1.92 m ²

41.28 m²

($\frac{8}{28}$) Providing and laying of a reinforced cement concrete pipe etc do do all Comp. job.

$$3 \times 4 \times 2.50 = 30 \text{ Rm.}$$

($\frac{9}{18}$) Reinforced cement concrete 7.5 grade etc do do all Comp. job.

Qty 12 Nos.

($\frac{10}{20}$) Road marking with hot applied etc do do all Comp. job.

$$2 \times 5 \times 30 \times 0.100 = 30 \text{ m}^2$$

$$2 \times 4 \times 30 \times 0.100 = 24 \text{ m}^2$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2	1	10	0.100	2 m ²
	2	4	30	0.100	24 m ²
					80 m ²
($\frac{11}{22}$)	Planting of tree by the road side etc do-do-all Comp. job.				
	Qty 40 Nos.				
($\frac{12}{15}$)	Kilometer stone Reinforced Cement Concrete m/s grade etc do-do-all Comp.				
	Ordinary km stone Qty 1 No				

	Qty 200 m Stone Qty 3 Nos				
($\frac{13}{19}$)	Traffic Sign :- Providing and fixing of retro-reflectored Cautionary mandatory etc do-do-all Comp.				
	Qty 600 mm equilateral & triangle Qty 8 Nos.				
	Qty 800 mm x 600 mm rectangular Qty 4 Nos				
	Qty 600 mm x 450 mm rectangular				

Continuation

Material statement (update)

$$E/\omega = 2634.61 \text{ m}^3$$

stone chips = 559 m^3

Coarse Sand	= 191.70 m ³
-------------	-------------------------

stone metal = 218.32 m^3

Stone Screening = 43.8 m^3

Emulsion (SS-1)	0	1.30 mT
-----------------	---	---------

Emulsion (RS-1)	= 0.42 m.T
-----------------	------------

Bitumen (S-90) = 2.90 m.T

Sameer
02/06/2020

56

Continuation

Abstract of Est

Sch. XLV-Form No. 134

20

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Providing & Fixing of working benchmark etc do-do-all Comp. Job.					
Benchmark Pillars					
1 No (vide TMBP-7)					
@ Rs 4244 = 27					Rs 4244 = 27
Reference Pillars					
2 Nos (vide TMBP-7)					
@ Rs 1925 = 91					Rs 3851 = 82
(2) clearing & grubbing Road Land etc do-do-all Comp. Job.					
0.44 Hec (vide TMBP-7)					

@ Rs 49739 = 47					Rs 21885 = 36
(3) Box Cutting Excavation for roadway in soil etc do-do-all Comp. Job.					
51.75 m ³ (vide TMBP-8)					
@ Rs 82 = 01					Rs 4244 = 01
(4) Construction of embankment with approved material etc do-do-all Comp. Job.					
(a) For 100 m lead					
1357.92 m ³ (vide TMBP-16)					
@ Rs 132 = 56					Rs 180005 = 87
(b) For 1000 m lead					
842.56 m ³ (vide TMBP-16)					
@ Rs 187 = 23					Rs 157752 = 51
(5) Construction of Subgrade & extra shoulder etc do-do-all Comp. Job.					
135 m ³ (vide TMBP-8)					
299.13 m ³ (vide TMBP-14)					
434.13 m ³ @ Rs 189 = 11					Rs 82098 = 32
					Rs 454082 = 16

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
($\frac{6}{2}$) Construction of green- ular Sub-base etc do-do-all Comp. job.					
279.75 m ³ (Vide TMBP-8)					
@ Rs 2059 = 67					Rs 576192 = 68
($\frac{7}{9}$) WBM Graveling 3: Providing laying Spreading and Comp. -uting stone etc do- do-all Comp. job.					
65.86 m ³ (Vide TMBP-9)					
114.57 m ³ (Vide TMBP-13)					
180.48 m ³ @ Rs 2867 = 35					Rs 517355 = 96

($\frac{8}{13}$) Construction of cur- -reinforced plain ce- -ment concrete etc do-do-all Comp. job.					
140.56 m ³ (Vide TMBP-9)					
@ Rs 6139 = 42					Rs 862956 = 87
($\frac{9}{16}$) Providing and fixing of typical mosaic in- formative sign board with logo etc do-do- all Comp. job.					
2 Nos (Vide TMBP-9)					
@ Rs 9939 = 65					Rs 19879 = 30
($\frac{10}{23}$) Earthwork in exca- -ation etc do-do-all					

Continuation

Rs 2430466 = 97

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	B.	
Comp. job.					
34.54 m ³ (Vide map-9)					
	@ Rs 285 = 11				Rs 19055 = 45
(11/11) Providing m ₁₈ pci					
1125 (5) at casting					
Course etc. do do. at					
Comp. job.					
9.18 m ³ (Vide map-10)					
	@ Rs 5109 = 61				Rs 46851 = 514
(12/12) Providing and laying					
Re pipe 1/2" for culvert					
etc. do do. at Comp. job.					
15 m (Vide map-14)					

	@ Rs 4653 = 08				Rs 69796 = 20
(13/13) Plain reinforced concrete					
concrete etc.					
do do. at Comp. job.					
67.48 m ³ (Vide map-10)					
	@ Rs 6008 = 96				Rs 405484 = 62
(14/14) Prime coat :- Providing					
and applying primer					
coat etc. do do. at Comp.					
1530 m ² (Vide map-14)					
	@ Rs 54 = 29				Rs 83216 = 70
(15/11) Tack coat :- Providing					
and applying tack					
coat etc. do do. at					
Comp. job.					

Rs 3052841 = 08

Continuation

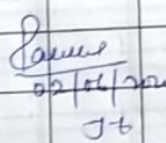
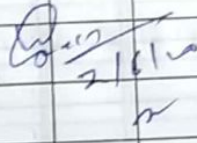
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1530 m ² (vide TM BP-14)					
@ Rs 18 = 26					Rs 27937.80
($\frac{16}{15}$) Providing laying and rolling of close graded premix Surf -					
- doing etc do-do-all					
Comp. job.					
1530 m ² (vide TM BP-15)					
@ Rs 213 = 40					Rs 326502.00
($\frac{17}{27}$) Painting on parapet					
wall etc do-do-all					
Comp. job.					
41.28 m ² (vide TM BP-17)					
@ Rs 18 = 98					Rs 4495.64
($\frac{18}{28}$) Providing and laying of a reinforced Cement					
etc do-do-all Comp. job.					
30 Km (vide TM BP-17)					
@ Rs 1061 = 41					Rs 31842.30
($\frac{19}{18}$) Reinforced Cement					
Concrete m/s grade etc					
do-do-all Comp. job.					
12 Nos (vide TM BP-17)					
@ Rs 522 = 12					Rs 6265.44
($\frac{20}{20}$) Road marking with					
hot applied etc do-do-					
all Comp. job.					
80 m ² (vide TM BP-18)					
@ Rs 850 = 93					Rs 68074.40

Continuation Rs 3517961.71

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(21) (15)	Planting of tree by the road side etc. do do all comp. sub.				
40 Nos (vide TMBP-18)					
	@ Rs 2473.73				Rs 24737.30
(22) (15)	Kilometer stone Reinforced concrete concrete m/s grade etc. do do all comp. sub.				
(1) ordinary km stone					
1 No (vide TMBP-18)					
	@ Rs 2159.92				Rs 2159.92
(1) 200 m stone					
3 Nos (vide TMBP-18)					
	@ Rs 632.62				Rs 1897.86
(23) (17)	Traffic Sign :- Providing and fixing of retro reflectorised Cautionary mandatory etc do do all comp.				
(1) 600mm equilateral triangle					
8 Nos (vide TMBP-18)					
	@ Rs 3998.68				Rs 31984.64
(1) 800mm x 600mm rectangular					
4 Nos (vide TMBP-18)					
	@ Rs 7664.58				Rs 30658.32
					Rs 36146.51 = 65

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(iii) 600 mm x 450 mm					
rectangular					
4 Nos (vide TMBP-19)					
@ Rs 5288 = 14					Rs 21152 = 56
(iv) 900 mm side octagon					
2 Nos (vide TMBP-19)					
@ Rs 9837 = 32					Rs 19674 = 64
					Rs 3655478 = 85
					Say Rs 36,55,479 = 00
					Below 10% Rs 365548 = 00
					Rs 3289931 = 00
					Less Previous Payment Rs 1390813 = 00
					Rs 1899118 = 00

Continuation