

Name of work-

Situation of work-

Agency by which work is executed-

Date of measurement-

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.	
1st on A/C Bill					
Name of work - construction of Road					
C.D. work with five year maintenance					
parasuni Loha singh house to Agerwa					
siwan under 3054 (New maintenance policy 2018)					
Name of Agency - M/s Maa Sikasani					
construction of - Ramesh Kumar vill -					
Barahatkh ps - Pakridayal Motihari					
Dist - East Champaran					
Agreement No - 15 M.B.D / 2020 - 21					
Date of work order - 15-11-2020					
Time of completion - 14-08-2021					
1) clearing & grubbing Road land					
--- all complete					
2x 10x 30.0x 0.500 avg = 300.0m					
2x 10x 30.0x 0.500 avg = 300.0m					
2x 10x 30.0x 0.500 avg = 300.0m					
2x 3x 30.0x 0.500 avg = 90.0m					
2x 1x 10.0x 0.500 avg = 10.0m					
					1000.0m
					or, 0.10 ha

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2) construction of 613B grading II					
--- all complete					
5x	5.80	2.50	0.100	=	7.25m ³
4x	3.80	1.90	0.100	=	2.89m ³
30x	4.70	3.10	0.100	=	43.71m ³
18x	2.90	0.85	0.100	=	21.85m ³
20x	4.50	2.80	0.100	=	4.44m ³
25x	6.50	3.0	0.100	=	25.20m ³
14x	5.50	3.50	0.100	=	48.75m ³
27x	4.60	2.70	0.100	=	26.95m ³
					35.53m ³
by inspection				Limit 5% =	172.86m ³
08.02.2022					194.72m ³
JE					194.68m ³
(3) construction of 113Bm grading II					
--- all complete					
5x	5.85	2.55	0.075	=	5.60m ³
4x	3.85	2.0	0.075	=	2.32m ³
15x	4.80	3.20	0.075	=	17.25m ³
18x	3.10	1.0	0.075	=	4.14m ³
20x	4.80	2.90	0.075	=	20.80m ³
1x	6.70	3.10	0.075	=	1.58m ³
6x	5.80	3.70	0.075	=	9.66m ³
18x	4.80	2.80	0.075	=	18.0m ³
					71.30m ³
by inspection					79.35m ³
15.02.2022					
JE					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) Construction of WBM 3 rd III					
--- all complete					
5x 6.54x 2.85x 0.075					= 6.98 m ³
4x 4.30x 2.23x 0.075					= 2.87 m ³
15x 5.37x 3.58x 0.075					= 21.63 m ³
18x 3.46x 1.10x 0.075					= 5.14 m ³
20x 5.30x 3.20x 0.075					= 25.44 m ³
6x 6.70x 3.40x 0.075					= 1.71 m ³ 10.25
1x 6.40x 3.50x 0.075					= 1.68 m ³
12x 5.30x 3.10x 0.075					= 14.79 m ³
					80.24 m ³
W. B. M. 3 rd III					88.78 m ³
18-02-2022 J.E.					
(5) providing prime coat SS-2					
--- all complete					
Qty same vide item (4)					
88.78 m ³ 80.24 m ³ / 0.075 m					= 1183.73 m ² 1069.87 m ²
W. B. M. 3 rd III					
21-03-2022 J.E.					
(6) providing tack coat RS-1					
--- all complete					
Qty same vide item (5)					1183.73 m ² = 1069.87 m ²
(7) providing 20mm thick close					
graded p.m.c. --- all complete					
Qty same vide item (5)					1183.73 m ² = 1069.87 m ²
W. B. M. 3 rd III					
23-03-2022 J.E.					
					Sumo 23.03 22 A.E.

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8) providing tank coat RS-2					
- - - all complete					
$1 \times 6.40 \times 8.20 + \frac{6.80^2}{2}$					$= 48.02m^2$
$1 \times 2.40 \times 4.50 + \frac{4.0^2}{2}$					$= 10.20m^2$
$1 \times 21.20 \times 4.0 + \frac{3.55^2}{2}$					$= 80.03m^2$
$1 \times 30.0 \times 3.55 + \frac{3.20^2}{2}$					$= 101.25m^2$
$1 \times 30.0 \times 3.20 + \frac{3.60^2}{2}$					$= 102.0m^2$
$1 \times 30.0 \times 3.60 + \frac{3.30^2}{2}$					$= 103.50m^2$
$1 \times 30.0 \times 3.30 + \frac{3.65^2}{2}$					$= 104.25m^2$
$1 \times 30.0 \times 3.65 + \frac{3.75^2}{2}$					$= 111.02m^2$
$1 \times 30.0 \times 3.75 + \frac{3.70^2}{2}$					$= 111.75m^2$
$1 \times 30.0 \times 3.70 + \frac{3.65^2}{2}$					$= 110.25m^2$
$1 \times 30.0 \times 3.65 + \frac{3.60^2}{2}$					$= 108.75m^2$
$10 \times 30.0 \times 3.75 \text{ avg}$					$= 1125.0m^2$
$10 \times 30.0 \times 3.75 \text{ avg}$					$= 1125.0m^2$
$1 \times 20.0 \times 3.75 \text{ avg}$					$= 75.0m^2$
$1 \times 25.80 \times 0.80 + \frac{0.70^2}{2}$					$= 19.35m^2$
$1 \times 24.50 \times 0.75 + \frac{0.65^2}{2}$					$= 17.15m^2$
					$3464.98m^2$
(9) providing 25mm thick					
SDBC - - - all complete					
Qty same vide item (8)					
$3464.98m^2 \times 0.025m$					$= 86.62m^3$
(10) providing Rce MIS grade 1cm					
post - - - all complete					
		2 Nos			

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) providing RCC mis grade					
200m post - all complete					
4.1103					
construction of parapet wall					
(0.40 m width x 0.60 m height)					
(12) B/m (1:3) in parapet wall					
--- all complete					
$2 \times 2 \times 6.0 \times 0.40 \times 0.600$					$= 5.76 \text{ m}^3$
3) plastering with C.M (1:4)					
--- all complete					
side face - $2 \times 4 \times 6.0 \times 0.600$					$= 28.80 \text{ m}^2$
Top - $2 \times 2 \times 6.0 \times 0.400$					$= 9.60 \text{ m}^2$
front face - $2 \times 1 \times 0.40 \times 0.60$					$= 1.92 \text{ m}^2$
					40.32 m^2
(14) painting two coats on					
new concrete surface					
--- all complete					
side face - $2 \times 4 \times 4.0 \times 0.600$					$= 19.20 \text{ m}^2$
Top - $2 \times 2 \times 4.0 \times 0.60$					$= 9.60 \text{ m}^2$
Front face - $2 \times 1 \times 0.40 \times 0.60$					$= 1.92 \text{ m}^2$
					117.12 m^2
(15) construction of subgrade					
earthwork shoulder lead					
1000m --- all complete					
$2 \times 10 \times 30.0 \times 0.500 \text{ avg} \times 0.200 \text{ avg} = 60.0 \text{ m}^3$					
$2 \times 10 \times 30.0 \times 0.500 \text{ avg} \times 0.200 \text{ avg} = 60.0 \text{ m}^3$					
$2 \times 10 \times 30.0 \times 0.500 \text{ avg} \times 0.200 \text{ avg} = 60.0 \text{ m}^3$					
$2 \times 1 \times 30.0 \times 0.500 \text{ avg} \times 0.200 \text{ avg} = 6.0 \text{ m}^3$					
$2 \times 1 \times 20.0 \times 0.500 \text{ avg} \times 0.200 \text{ avg} = 4.0 \text{ m}^3$					

Continuation 7 190.0 m³

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16) painting two coats on new concrete surface					
--- all complete					
2x 3x 6.40x 2.20 = 84.48m ²					
(17) P&F of Road - Reflective cautionary, mandatory and informatory sign - all complete					
i) 600mm Equilateral Triangle					
4.0 Nos					
ii) 600mm circular					
4.0 Nos					
iii) 600mm x 450mm Rectangular					
3.0 Nos					
(18) planting of trees by the road side and their maintenance for one year - all complete					
25.0 Nos					
(19) Road marking on BT surface - all complete					
2x 10x 30.0x 0.100 = 60.0m ²					
2x 10x 30.0x 0.100 = 60.0m ²					
2x 10x 30.0x 0.100 = 60.0m ²					
2x 1x 30.0x 0.100 = 6.0m ²					
2x 1x 20.0x 0.100 = 4.0m ²					
					190.0m ²
(20) P&F of informatory signboards & maintenance board - all complete					
3.0 Nos					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST					
1) clearing & grubbing Road					
1.0					
land --- all complete					
vide TMB item (1) PN - 2					
0.10 Ha @ RS 49496 = 70 / Ha					RS 4950 = 0
2) construction of WSB					
1.0					
grading II --- all complete					
vide TMB item (2) PN - 2					
194.63 m ³ @ RS 2033 = 78 / m ³					RS 395936 = 0
2) construction of WBM CRT					
0					
--- all complete					
vide TMB item (3) PN - 2					
71.22 m ² @ RS 3003 = 18 / m ²					RS 290347 = 0
4) construction of WBM CRT					
5.0					
--- all complete					
vide TMB item (4) PN - 3					
88.78 m ³ @ RS 3382 = 98 / m ³					RS 300341 = 0
5) providing prime coats					
6.0					
--- all complete					
vide TMB item (5) PN - 3					
1183.73 m ² @ RS 4129 / m ²					RS 48876 = 0
6) providing tack coat RS-1					
8.0					
--- all complete					
1183.73 m ² vide TMB item (6) PN - 3					
+ 3464.98 m ² vide TMB item (8) PN - 4					
4648.71 m ² @ RS 13 = 99 / m ²					RS 65035 = 0
					GO RS 1106005 = 00

Continuation

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.FRS 1106005=00
(7) providing 20 mm thick concrete					
7-0					graded p.m.c. - all complete
vide TMB item (7) PN - 3					
1183.73 m ²					@ RS 196 = 74/m ² RS 232587=0
3) providing 25 mm thick SDBC					
0-0					all complete
vide TMB item (9) PN - 4					
36.62 m ³					@ RS 12794 = 53/m ³ RS 1108262=0
0-0					providing RCC M15 grade
					key post - all complete
vide TMB item (10) PN - 4					
2.01 m ³					@ RS 2512 = 50/each RS 5050=00
(10) providing RCC M15 grade					
12-0					200mm post - all complete
vide TMB item (11) PN - 13					
4.01 m ³					@ RS 662 = 71/each RS 2651=00
(11) providing B/m (1:3) in					
23-0					parapet - all complete
vide TMB item (12) PN - 13					
5.76 m ³					@ RS 6070 = 43/m ³ RS 34966=00
(12) plastering with C.M (1:4)					
24-0					all complete
vide TMB item (13) PN - 13					
40.32 m ²					@ RS 178 = 97/m ² RS 7216=00
					C-U RS 2497017=00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F.Rs 2497017=00
(13) painting two coats on 25.0 parapet wall - all complete					
vide TMB item (14) PH-13					
117.12 m ² @ Rs 108 = 98/m ² Rs 12764=00					
(14) construction of substructure 1.0 Earthen shoulder Lead 600mm - all complete					
vide TMB item (15) PH-13					
90.0 m ³ @ Rs 176 = 47/m ³ Rs 33529=00					
5) painting two coats on 4.0 current parapet - -					
vide TMB item (16) PH-14					
34.43 m ² @ Rs 96 = 40/m ² Rs 8144=00					
(16) PSE of Retro-Reflective cautionary mandatories platform sign - all complete					
vide TMB item (17) PH-14					
(i) 600mm Equilateral Triangle 15.0 4.0 Nos @ Rs 370 A=64/each Rs 14819=00					
(ii) 600mm circular 16.0 4.0 Nos @ Rs 5018 = 67/each Rs 20075=00					
(iii) 600mm x 450mm Rectangular 17.0 3.0 Nos @ Rs 4288 = 44/each Rs 12965=00					
(17) planting of tree by the 20.0 road side - all complete					
					C.O-Rs 2599213=00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
vide TMB item (18) PN-14					C=RS 2599213700
25.0 Nos @ RS 800 = 36/each					RS 20008=00
(18) providing 2.5mm thick Road marking - all complete					
vide TMB item (19) PN-14					
190.0 m ² @ RS 7425 75/m ²					RS 141123=00
9) P&F of typical information signboards & maintenance boards — oil complete					
vide TMB item (20) PN-14					
3.0 Nos @ RS 11434 = 50/each					RS 34304=00
Add Labour cess 1.0%				(+)	RS 27946=00
Add GST 12.0%				(+)	RS 335358=00
Less 0.5% i.e. 9% per Agreement				-	RS 17684=00
					RS 3140268=00
W. Jagan					
28-03-2022					
JF					
cap					
Vijayap					
S/S22					

Continuation

Sch. XLV-Form No.134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
Material statement					
1) Emulsion SS-2					1.0 m ³
2) Emulsion RS-1					1.28 m ³
3) Bitumen					12.64 m ³
4) Filler (Lime)					1.73 MT
5) Stone Aggregate 26.5mm - 9.5mm					81.77 m ³
6) Stone Aggregate 9.5mm - 2.36mm					58.40 m ³
7) crushed Sand below 2.36 mm					93.45 m ³
8) Stone Aggregate 63 mm - 45 mm					96.01 m ³
9) Stone Aggregate 53mm - 22.4mm					107.42 m ³
10) Stone screening 11.2mm					42.73 m ³
11) Binding material (mortar)					6.35 m ³
12) crushed stone 13.2mm - 6.0mm					31.96 m ³
(13) Stone Aggregate 9.5mm - 4.75mm					71.89 m ³
(14) Stone Aggregate 4.75mm below					51.97 m ³
(15) cement					1.06 MT
(16) coarse Sand					2.44 m ³
(17) Bricks					2880 Nos
(18) Earth (Soil)					190.0 m ³
19) 28.03.2022					
20) 28.03.2022					
21) 28.03.2022					
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99) 28.03.2022					
100) 28.03.2022					

Continuation

V.R. No. Date of
 2011 on A/c bill 20
 Sch. XLV-Form No.134 B.F-31402682

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
memo of payment					
5% J.P.			157013		
2% 9/10m			62805		
1% C. C. W.			31403		
1% C. C. S.			31403		
1% S. S. S.			31403		
(10%) S.F.			39299		
Royalty			43016		
RD (for plantation)			15006		
Total deductions			711348		
Pay by Cheque			2728920		
Total			3140268		

passed for (₹ 31402682)
 Rupees thirty one lakh forty
 thousand two hundred sixty
 eight only.

8/9/12
8/9/12
 Executive Engineer
 R.V.D. (W) Division
 Pakhalaval
8/9/12

Continuation