

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.	
<u>Name of work:-</u>	R&M OF road from LOS?				
	NH 30 to Maulinagar.				
<u>Agreement No</u>	05/MBD/2024-25				
<u>Agency :-</u>	Parmanand Singh.				
<u>Date of commencement</u>	21/09/2024				
<u>Date of Actual completion</u>					
<u>Agreed Rate</u>	⇒ (→) 0.10% (Below)				

Per
 12-11-24
 PE

[illegible]

14-11-24
AE

B/P $\Rightarrow 24.01m^3$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5 x 7.70 x 0.74 x 0.075					= 2.14 m ³
15 x 10.00 x 3.20 x 0.075					= 36.00 m ³
09 x 09.50 x 3.00 x 0.075					= 19.24 m ³
					81.39 m ³

Record measurement

⑧ WBM Gr-3: - Prov laying, spreading and compacting etc

6 x 4.43 x 1.74 x 0.075					= 2.47 m ³
5 x 3.99 x 1.88 x 0.075					= 2.69 m ³
8 x 8.32 x 1.26 x 0.075					= 6.29 m ³
5 x 2.87 x 1.91 x 0.075					= 2.06 m ³
8 x 10.91 x 1.64 x 0.075					= 10.74 m ³
3 x 4.74 x 1.67 x 0.075					= 1.78
9 x 2.29 x 2.07 x 0.075					= 3.34
9 x 12.50 x 3.25 x 0.075					= 27.42
15 x 10.0 x 3.50 x 0.075					= 39.38
05 x 10.31 x 1.96 x 0.075					= 7.58 m ³
16 x 8.58 x 1.36 x 0.075					= 14.00 m ³
07 x 9.29 x 1.73 x 0.075					= 8.44 m ³
04 x 10.59 x 1.60 x 0.075					= 5.08 m ³
					132.27 m ³
					Allowed $\Rightarrow 131.46 m^3$

Continuation

20-11-24
PE

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
② Prime coat - Prov. & applying prime coat etc					
Ref 85 vtm B Pg No - ③.					
= 132.27 m ² = 1763.60 m ³					
0.075					
Allowed @ 1752.80 m ³					
③ Prov and applying tack coat etc					
20 x 30.00 x 3.75 = 2250.00					
16 x 30.00 x 3.75 = 1800.00					
01 x 20.00 x 3.75 = 75.00					
07 x 30.00 x 1/6 (4.0 + 4.6 + 3.75 + 4.6 + 3.75 + 4.5) = 882.00					
01 x 10.00 x 1/2 (4.5 + 10.00) = 72.50					
14 x 30.00 x 3.75 = 1575.00					
13 x 30.00 x 3.75 = 1462.50					
01 x 20.00 x 3.75 = 75.00					
8192.00 m ³					
Limit to 8143.12 m ³					
④ SDBC - Prov & laying semi dense bituminous concrete etc					
Ref 87 vtm B Pg No - 04, item No - ③					
= 8192.00 m ² x 0.025 = 204.80 m ³					
Limit to ⇒ 203.579 m ³					
19.12.24					
16					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤ Dry lean cement concrete - cost of dry lean concrete etc					
	09	12.50	2.80	0.160	50.40 m ³
	07	8.50	0.95	0.16	9.04 m ³
	06	8.40	0.90	0.16	7.26 m ³
	01	1.50	1.20	0.16	0.29 m ³
	01	1.20	1.00	0.16	0.19 m ³
					67.18 m ³
⑥ Panel concrete pavement - cost of unreinforced cement concrete etc					
	06	30.00	$\times \frac{1}{6} (6.25 + 5.5 + 5.15 + 4.73 + 4.45 + 3.95)$		$\times 0.125 = 112.61$
	03	30.00	$\times \frac{1}{5} (3.95 + 5.50 + 3.85 + 5.5 + 3.82)$		$\times 0.125 = 50.90$
	09	30.00	$\times \frac{1}{6} (3.82 + 4.6 + 3.85 + 3.85 + 4.05 + 3.75)$		$\times 0.125 = 137.55$
	01	10.00	3.75	0.125	4.69
	01	10.00	3.75	0.125	4.69
	03	30.00	3.75	0.125	42.19
	18	30.00	3.75	0.125	253.13
	01	10.00	3.75	0.125	4.69
	04	30.00	3.75	0.125	56.25
	01	10.00	3.75	0.125	4.69
					668.38 m ³
					Result to 662.813 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑦ construction of subgrade & earthen shoulders etc					
$2 \times 24 \times 30.00 \times 1.00 \times 0.30 =$					432.00 M ³ ✓
$2 \times 24 \times 30.00 \times 1.00 \times 0.30 =$					432.00 M ³ ✓
$2 \times 23 \times 30.00 \times 1.00 \times 0.30 =$					414.00 M ³ ✓
$2 \times 01 \times 20.00 \times 1.00 \times 0.30 =$					12.00 M ³ ✓
					<u>1290.00 M³</u> ✓
⑧ kilometre stone etc					
(i) km stone = 05 nos.					✓
(ii) 200m stone = 14 nos.					✓
⑨ laying cement concrete NPS pipe etc					
$4 \times 4 \times 2.50 =$					40.00 Rm ✓
⑩ planting of trees etc					
					= 108.00 Nos ✓
⑪ Retro reflectorised traffic signs etc					
(i) 600mm equilateral & triagle					= 22.00 nos ✓
(ii) 600mm circular					= 4.00 nos ✓
(iii) 600 x 450 mm rectangular					= 8.00 nos. ✓
⑫ Road marking with hot applied thermoplastic etc					

Continuation

✓
20-01-25
AE

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(i) At edge of BT portion					
					$5 \times 5.00 \times 0.100 \times 2.00 = 5.00 \text{ ML}$
					$2 \times 24 \times 30.00 \times 0.10 = 144.00 \text{ ML}$
					$2 \times 24 \times 30.00 \times 0.10 = 144.00 \text{ ML}$
					$2 \times 23 \times 30.00 \times 0.10 = 138.00 \text{ ML}$
					$2 \times 0.1 \times 20.00 \times 0.10 = 04.00 \text{ ML}$
					<u>435.00 ML</u>
(ii) At edge of CC portion					
					$2 \times 24 \times 30.00 \times 0.10 = 144.00 \text{ ML}$
					$2 \times 22 \times 30.00 \times 0.10 = 132.00 \text{ ML}$
					$2 \times 0.1 \times 20.00 \times 0.10 = 04.00 \text{ ML}$
					<u>280.00 ML</u>
(13) Plastering with CN etc					
					$03 \times 2.00 \times 6.00 \times 2.00 = 72.00 \text{ ML}$
					$03 \times 4.00 \times 6.00 \times 0.60 = 43.20 \text{ ML}$
					$03 \times 2.00 \times 6.00 \times 0.40 = 14.40 \text{ ML}$
					$03 \times 4.00 \times 0.40 \times 0.60 = 2.88 \text{ ML}$
					<u>132.48 ML</u>
(14) Painting on 02 coat etc					
					$3 \times 4.00 \times 6.00 \times 0.60 = 43.20 \text{ ML}$
					$3 \times 2.00 \times 6.00 \times 0.40 = 14.40 \text{ ML}$
					$3 \times 4.00 \times 0.40 \times 0.60 = 2.88 \text{ ML}$
					<u>60.48 ML</u>

Continuation

[Signature]
21-01-25
AE

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15) Earth work for progress etc					
$2 \times 6.45 \times 1.40 \times 1.50 =$					27.09 m ³
$01 \times 4.85 \times 1.53 \times 0.365 =$					2.708 m ³
					29.798 m ³
(16) Prov. MIS (PCC 1:2:5) as levelly course etc					
$2 \times 6.45 \times 1.40 \times 0.150 =$					2.709 m ³
$1 \times 4.93 \times 1.53 \times 0.250 =$					1.885 m ³
less for brick					
$0.250 \times 0.79 \times 1.22 \times 1.22 \times 5.50 =$					1.622 m ³
					Net Qty 2.95 m ³
(17) Providing MIS (PCC 1:2.5:5) as levelly course ~					
$2 \times 6.15 \times 0.825 (\text{Avg}) \times 2.58 =$					26.180
$2 \times 6.15 \times 0.40 \times 0.60 =$					2.952
Reduction for pit					
$2 \times 0.79 \times (1.25) \times 0.622 =$					1.487
					Net Qty 27.645 m ³
(18) Prov. & laying RCC NP & pit etc					
$3 \times 2.50 =$					7.50 m

Continuation

21-01-25
AE

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(19) painting surface	02 coats	on	new	concrete	
2x6.150	x0.40				= 4.92 m ²
4x0.40	x0.60				= 0.96 m ²
2x6.150	x0.60				= 7.380 m ²
					13.260 m ²

Material statement

Earth =	1290.00 m ³			
Metal/Stone =	260.00 m ³			
sand				
screening material =	57.00 m ³			
Binding material =	6.60 m ³			
SS1	= 1.490 m ³			
RS1	= 1.840 m ³			
S-90	= 21.851 m ³			
Waste plastic	= 1.65 m ³			
stone chips	= (370.00 + 658.00 + 28.00)			
C/sand	= (322.00 + 329.00 + 14.00)			
Cement	= (5110 + 190) Bags			

Continuation