

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 measurements relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

15 ton per bill

Name of worker - Construction  
 of road from T05 ADR  
 to Sundargarh in  
 MMNSY under 10th blocks.  
 Agency - Sri Abhay Kumar

Agreement No - 64/SRD/MMNSY  
 /2020-21

Date of commencement -

Date of completion -

Date of measurement -

work done as follows

(1) Construction of Benchmark

and reference points

etc

(i) const. of references

working benchmarks - 1.20 km

(ii) construction of reference

pillars, etc — 1.20 km

(2) clearing and grubbing  
road land including

Continuation

## Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
40 feet long sand embankment					
2000 m <sup>3</sup> material					
etc					
5 X 30.00 X 5.00					750.00 m <sup>2</sup>
11 X 30.00 X 5.00					1650.00 m <sup>2</sup>
14 X 30.00 X 5.00					2100.00 m <sup>2</sup>
10 X 30.00 X 5.00					1500.00 m <sup>2</sup>
1 X 20.00 X 5.00					100.00 m <sup>2</sup>
					6100.00 m <sup>2</sup>
Area = $\frac{6100.00}{10,000} = 0.610$ hect.					

(3) Construction of embankment  
with material obtained

from roadway cutting

etc

ch.	C/S area, (m <sup>2</sup> )	mean area of (cm)	-	Distance (m)	Qty (m <sup>3</sup> )
0	5.762	-	-	-	-
50	5.224	5.403	-	50	274.65 m <sup>3</sup>
100	3.948	4.586	-	50	229.30 m <sup>3</sup>
150	4.536	4.242	-	50	212.10 m <sup>3</sup>
200	4.634	4.585	-	50	229.25 m <sup>3</sup>
250	3.962	4.298	-	50	214.90 m <sup>3</sup>
300	4.108	4.039	-	50	201.75 m <sup>3</sup>
350	4.522	4.315	-	50	215.75 m <sup>3</sup>
400	4.912	4.717	-	50	235.85 m <sup>3</sup>
450	4.560	4.736	-	50	236.80 m <sup>3</sup>
500	4.482	4.521	-	50	226.01 m <sup>3</sup>

Continuation

Sect. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3150	1.15	11.64	-	0.64	61.9
3160	1.16	11.64	-	0.64	61.9
3200	1.132	11.60	-	5.0	215.15 m <sup>2</sup>
3300	1.100	11.16	-	5.0	265.90 m <sup>2</sup>
3400	1.156	11.08	-	5.0	211.40 m <sup>2</sup>
3500	2.108	11.28	-	5.0	161.60
3600	1.158	11.33	-	5.0	161.60
3700	2.108	11.38	-	5.0	89.15
3800	3.658	11.33	-	5.0	146.65
3900	5.358	11.508	-	5.0	228.40 m <sup>2</sup>
4000	5.835	11.596	-	5.0	279.80
4000	5.695	11.745	-	5.0	288.25
4050	5.986	11.840	-	5.0	292.00 m <sup>2</sup>
4100	4.894	11.44	-	5.0	272.00 m <sup>2</sup>
4150	4.695	11.794	-	5.0	239.70 m <sup>2</sup>
4200	4.103	11.399	-	5.0	219.98 m <sup>2</sup>
4220	3.985	11.044	-	2.0	80.88 m <sup>2</sup>
					5291.09 m <sup>2</sup>
Less for un. 50				(-)	729.00 m <sup>2</sup>
				(-)	4562.09 m <sup>2</sup>
i) 80% bend 100 m					3649.672 m <sup>2</sup>
ii) 20% bend 1000 m					912.418 m <sup>2</sup>

4) Construction of granular

sub-base by providing

well graded materials

(crushed stone, aggregate)

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
more than 1000 kg/m <sup>3</sup>					
in uniform layers					
6 X 30.00 x 4.05 x	0.20 =	121.50 m <sup>3</sup>			
6 X 30.00 x 4.05 x	0.20 =	148.80 m <sup>3</sup>			
9 X 30.00 x 4.05 x	0.20 =	218.70 m <sup>3</sup>			
4 X 30.00 x 4.05 x	0.20 =	97.20 m <sup>3</sup>			
6 X 30.00 x 4.05 x	0.20 =	148.80 m <sup>3</sup>			
					729.00 m <sup>3</sup>

### (3) PIF of typical memory

## Informitory bond - etc

~~obj - 2 NO~~

~~Aug  
10/04/2011~~

2

### Continuation

## Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

Material state measuredSold - 4962.00 m<sup>3</sup>Stone metal - 554.04 m<sup>3</sup>Stone dust/marrow - 371.719 m<sup>3</sup>Qty10/04/2021J.ESignature FeeEarth work or sold - 9862.912.418 m<sup>3</sup>@ 33.00/m<sup>3</sup> - 3011200C.S.B - 729.00m<sup>3</sup> @ 493.89/m<sup>3</sup> - 36005200P.S - 39016200Qty10/04/2021J.EContinuation

## Bch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area	
	H.	L.	B.	D.		
<u>ABSTRACT OF COST</u>						
<u>(i) construction of bench</u>						
-	TRUCK	etc				
(i)	construction of bench					
-	TRUCK	etc				
	COST RATE - MBP-1					
	= 1.250/km					
	(2) 6413.96/km = 4825/-					
<u>(ii) construction of slope</u>						
-	NEC PILLAR NO. 1 etc					
	COST RATE - MBP-1					
	= 1.220/km					
	(2) 1549.62/km = 1.915200					
<u>(3) clearing and grubbing</u>						
-	SOIL LAND INCLINING					
	WOODS ETC					
	COST RATE - MBP-1					
	= 0.61 Head					
	(2) 102267.52 / Head = 62383/-					
<u>(4) Excavation for road</u>						
-	WORK IN SOIL BY MECHANICAL					
	MEANS INCLUDING CUTTING					
	AND PUSHER THE EARTH					
	TO SIDE OF EMBANKMENT					
	CONTINUATION C.R.J. - 721230/-					

Continuation

## Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		8.9	4.8	0.8	72128/-
-ment		48.0	100 m		
lead					
(i) 100 m lead					
Qty note TMB P-3					
= 364.9.67 m <sup>3</sup>					
② 278.21 m <sup>3</sup> - 1018375/-					
(ii) 1000 m lead					
Qty note TMB P-3					
= 912.418 m <sup>3</sup>					
② 199.69/m <sup>3</sup> - 182201/-					

(4) construction of triangular

sub base by providing

well graded materials

etc

Qty note TMB P-4

= 729.00 m<sup>3</sup>② 2145.54 m<sup>3</sup> - 1564099/-

(5) providing and fixing

timbers, beams etc

Qty note TMB P-4

= 2 no @ 104.858/- - 208.57/-

C.R.S. 28546.55/-

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	B.F	28-	2854688/-		
Add 12% GST		(+) 342558/-			
Add 1% LC		(+) 285472/-			
Add Seignorage fee mode TMBP-S		(+) 39016/-			
	28-	32,64,776/-			
Less 11.11% ad per yr					
Agreement		(-) 362717/-			
Net	- RS -	29,02,059/-			
			Dr		
			10/04/2021		

10