

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.	
1st on AIC Bill					
Name of work:- Construction					
of Road from LO 24 to Beldaria					
in M.M.S.Y. under Roh block.					
Agency:- SRI VIKASH KUMAR					
Vill- Lido, P.S - Sonamriga					
Nawada.					
Agreement No. - RWD Rasauli/					

53 / M.M.S.Y. / 2020-21	
Date of commencement - 24-09-2020	
Date of completion - 23-09-2021	
Date of measurement -	
works as follows	
(i) preparatory work & site	
clearance:- Construction	
of Bench mark and Refe-	
rence pillars:-	
(i) Construction of reference	
Benchmark - 1.350 km	
(ii) construction of reference	
Pillars - etc	1.350 km

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2) Clearing and grubbing road					
land including uprooting					
etc					
6x	30.00	X 6.00		=	1080.0 m ²
15x	15.00	X 5.50		=	1237.50 m ²
7x	15.00	X 5.80		=	609.0 m ²
16x	30.00	X 6.00		=	2880.0 m ²
10x	30.00	X 5.00		=	1500.0 m ²
2x	30.00	X 5.00		=	300.0 m ²
					7606.5 m ²
Qty =	7606.50				
					$\frac{7606.50}{10000} = 0.76 \text{ Hect}$

(3) Construction of embankment
with approved materials deposited at side etc

ch. (in m)	Cross Sect. Area	mean Area	Length	Qty (m ³)
0	1.315	-	-	-
50	1.325	1.32	50	66.00 m ³
100	1.412	1.369	50	68.425
150	1.605	1.209	50	60.425
200	1.112	1.059	50	52.925
250	1.214	1.163	50	58.150
300	1.895	1.554	50	77.700 77.700
350	4.025	2.96	50	148.00 m ³
400	4.962	4.495	50	224.675
450	4.896	4.929	50	246.45 m ³

Continuation . 0 Qty - 1002.75 m³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area of area
	No.	L.	B.	DF- length	
Ch.	C.S Area	Mean Area	-	-	Qty
500	5.135	5.063	-	50	253.115 m ³
550	5.235	5.185	-	50	259.250 m ³
600	6.103	5.669	-	50	283.45 m ³
650	5.933	6.018	-	50	300.90 m ³
700	5.837	5.885	-	50	294.25 m ³
750	5.519	5.678	-	50	283.90 m ³
800	4.923	5.221	-	50	261.05 m ³
850	4.316	4.615	-	50	230.975 m ³
900	4.148	4.232	-	50	211.60 m ³
950	3.464	3.806	-	50	190.300 m ³
1000	4.015	3.7325	-	50	186.975 m ³
1050	4.218	4.1165	-	50	205.825 m ³

1200	4.398	4.308	-	50	215.40 m ³
1250	4.468	4.433	-	50	221.65 m ³
1300	4.866	4.667	-	50	233.35 m ³
1350	3.968	4.417	-	50	220.85 m ³
					Qty - 4855.59 m ³

(i) with 100 m lead

$$= 0.70 \times 4855.59 \text{ m}^3 = 3398.913 \text{ m}^3$$

(ii) with 1000 m lead

$$= 0.30 \times 4855.59 \text{ m}^3 = 1456.677 \text{ m}^3$$

(4) construction of granular
 sub-base by providing well
 graded material (crushed stone
 aggregates and coarse sand)

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
spreading in uniform					
layers - etc					
2x 30.00	x 4.05	x	0.20 =	48.60 m ³	
8x 30.00	x 4.05	x	0.20 =	194.40 m ³	
2x 30.00	x 4.05	x	0.20 =	48.60 m ³	
5x 30.00	x 4.05	x	0.20 =	81.00 m ³	
3x 35.00	x 4.05	x	0.20 =	36.45 m ³	
					409.05 m ³

(3) PIF of typical masonry

band - etc					
Qty -	2	No.			

@K...
6/3/2021
A...

Shy
06/03/2021
2.6

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Material statement</u>					
Soil	48	55.59	m ³		
Stone metal	364	45	m ³		
Stone dust/morum	155	61	m ³		
@ 1/2000					
06/03/2021					
5.6					
					</

<u>seigniorage free</u>					
Soil	1456	677	m ³	23.00/m ³	4807.20
Stone metal	409	95	m ³	493.87/m ³	20203.20
					RS-25010.20
@ 1/2000					
06/03/2021					
5.6					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
<u>x</u>					
1) Preparatory work & site clearance: —					
(i) Const. of reference & working Benchmark —					
city side TMB P-1					
= 1.35 km					
⑥ 6413.96/km — 8659 ⁰⁰					
ii) Construction of reference pillars — etc					
city side TMB P-1					
= 1.350 km					

@ 1569.67/km — 2119 ⁰⁰					
(2) Excavation for roadway					
in soil by mechanical					
means - etc					
(i) 100 m lead					
city side TMB P-3					
= 3398.913 m ³					
@ 278.21/m ³ — 945612 ⁰⁰					
(ii) 1000 m lead					
city side TMB P-3					
= 1456.677 m ³					
@ 199.69/m ³ — 290884 ⁰⁰					

Continuation