

~~101~~ MMWsy GEN. Block-HMELF

Construction of road from - TOS  
To Simantala

Schedule XLY-Form No.-134  
DIVISION  
Agreement No - 01/SBD/2023-24

SUB-DIVISION  
Agreement Value - 1,87,36,212 =  
822  
22/5/23

## **MEASUREMENT BOOK**

Siddhivimayak Enterprises

Assessment of cost  
Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. Povt & fixy. money b/w					
TMA per 1/2 = 2 ares & Rs 4080.23/are					Rs 8161.00
2. Povt. & Clevy of money b/w					
wide TMA per 1/2 = 5 ares & Rs 1870.40/are					Rs 9352.00
3. Clevy of grassy roadless land					
TMA per 1/2 = 1.04 ares & Rs 5290.33/are					Rs 55085.00
4. Const. of embank - incl up to 10m					
wide TMA per 1/2 = 3285.00 m <sup>2</sup> & Rs 143.06/are					Rs 54627.00
5. Const. of embank - incl up to 100m width (TMA per 1/2)					
702.00 m <sup>2</sup> & Rs 190.07/are					Rs 133428.00
6. Const. of sub soil					
earthen築築 wide TMA per 1/2 = 3285.00 m <sup>2</sup> & Rs 191.76/are					Rs 628978.00
7. Const. of GSB wide TMA per 1/2					
1058.96 m <sup>2</sup> & incl TMA per 1/2 = 39.60 m <sup>2</sup> TMA per 1/2 = 1098.56 m <sup>2</sup> incl					
1098.56 m <sup>2</sup> & Rs 2705.47/m <sup>2</sup> & Rs 297206.00					
8. Poor, Payng, sandy wsm gr-2					
wide TMA per 1/2 = 244.25 m <sup>2</sup> & incl TMA per 1/2 = 80.33 m <sup>2</sup> incl					
424.58 m <sup>2</sup> & Rs 3476.80/m <sup>2</sup> & Rs 1476180.00					
9. Povt. fixy, MMG, b/w					
TMA per 1/2 = 3 m <sup>2</sup> & Rs 9645.15/m <sup>2</sup> & Rs 28935.00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
9	Rect. Walled excavation				
21	Area 8 = 115.12 m <sup>2</sup>	279.05 m <sup>3</sup>			Rs 32129/-
10	From P.C.C. in open foundation				
	Area 8 = 8.30 m <sup>2</sup>	6522.6 m <sup>3</sup>			Rs 47456/-
11	From P.C.C. in open foundation				
23	Area 8 = 32.40 m <sup>2</sup>	28			
	Side 7m	Area 8 = 32.40 m <sup>2</sup>			
	5803.75 m <sup>3</sup>				Rs 19384/-
12	SI.R.P. H.Y.D. G. Foundation				
24	Area 8 = 0.89 m <sup>2</sup>	69476.56 m <sup>3</sup>			Rs 44034/-
13	From R.C.C. in substructure				
25	Area 8 = 16.25 m <sup>2</sup>				
	Side 7m	Area 8 = 16.25 m <sup>2</sup>			
	Rs 6010.15 m <sup>3</sup>				Rs 97667/-
14					
26	From west hole wall				
	Area 8 = 3.6 m <sup>2</sup>	2110.54 m <sup>3</sup>			Rs 3973/-
15	From R.C.C. in substructure				
27	From P.C.C. in substructure				
	Area 8 = 12.50 m <sup>2</sup>	28			
	7m	Area 8 = 12.50 m <sup>2</sup>			
	6648.40 m <sup>3</sup>				Rs 83271/-
16	SI.R.P. H.Y.D. walls sub-structure				
28	Area 8 = 1.22 m <sup>2</sup>	28			
	Side 7m	Area 8 = 1.22 m <sup>2</sup>			
	93622.54 m <sup>3</sup>				Rs 60638/-
17	Brick fully bed & Anchored				
29	Area 8 = 98.27 m <sup>2</sup>	28			
	7m	Area 8 = 98.27 m <sup>2</sup>			
	75208 m <sup>3</sup>				Rs 36303/-
18	From flinty filter media				
30	Area 8 = 22.88 m <sup>2</sup>	28			
	7m	Area 8 = 22.88 m <sup>2</sup>			
	292163 m <sup>3</sup>				Rs 67076/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
18	Pav & Lang R.C.C. m.sur				
19	width 10 ft & 2 = 5.28 m <sup>2</sup> per R				
20	7240.03/LP				Rs 38300.-
21	S/I/P/HYD sur in 5 ft width				
22	10m x 9 x 0.45 m = 36 m <sup>2</sup>				
23	50752.49/m <sup>2</sup>				Rs 22839.-
24	Cost of paving stone				
25	1100 ft <sup>2</sup> x 1.20 m <sup>2</sup> /m <sup>2</sup>				
26	6010.20/LP				Rs 7212.-
27	Pav Orange stone rods				
28	10m x 8 x 2.4 m = 19.2 m <sup>2</sup>				
29	422.26/LP				Rs 1689.-
30	Erect wall in excavated				
31	1100 ft <sup>2</sup> x 12 = 225.88 m <sup>2</sup> per R				
32	279.05/LP				Rs 63022.-
33	Pav pcc m.sur with Thicks				
34	12 x 18.82 m <sup>2</sup> per R x 235.61/m <sup>2</sup> = 98534.-				
35	Pav pcc and with Thicks				
36	12 x 5.85 m <sup>2</sup> per R x 5803.77/m <sup>2</sup> = 299183.-				
37	S/I/P/HYD L. side Thicks				
38	0.12 x 2.36 m <sup>2</sup> per R x 49478.56/m <sup>2</sup> = 116765.-				
39	Pav. pcc in sus. side Thicks				
40	(3 = 36.28 m <sup>2</sup> per R x 6010.30/LP) x 218054.-				
41	Pav way hole with Thicks				
42	= 80 m <sup>2</sup> x 110.54/m <sup>2</sup> per R = 8843.-				
43	Pav pcc in sus. side Thicks				
44	12 x 14.73.59 m <sup>2</sup> per R x 6648.48/m <sup>2</sup> = 48892.-				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
30 43	S/A/P H450 L= width Tma kg				
	width 13.26 m P.R.E.R 49.622.37 u/s 310/90. =				
31 44	Rock Alley Gated Abutment				
	width Tma kg 15 = 73.35 m² R				
	752.08/m²				R 55165 ~
32 45	Pond Carrying Filter model				
	width Tma kg 15 = 36.50 m² R				
	Rs 2931.67/m²				R 107004. =
33 46	Pond & Carrying RCCM 5/s				
	width Tma kg 10 = 40.88 m² result				
	to 40.87 m² R 7240.03/m² R 295900 ~				
34 47	S/A/P H450 4cm/s				
	width Tma kg 17.2				
	4.28 m² R 50732.47/m² R 217728. =				
35 48	Const. of parapet wall				
	TMA kg 10 = 15 = 5.52 m²				
	@ Rs 6010.30/m²				R 33177 ~
36 49	Pond Abutment Spur ditch				
	TMA kg 14.6 m² R				
	422.26 / R				R 2534. =
37 50	Pond Flare Recovery				
	Cone width Tma kg 10 :				
	5.78 m² R 11691.57/m² R 67577 ~				
38 51	Pond & Carrying approx Slab				
	width Tma kg 15 = 16.27 m² R				
	9777.65/m²				R 159082 ~

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
53	Pav PCC area below ebb				
54	Side area $15 \times 15 = 225 m^2$				
55	$7.04 m^2 \text{ per } 5658.06/m^3$	R	39819.~		
56	Easte work in excavation				
57	Wide area $16 \times 242.42 m^2$				
58	Length $242.22 m^2 \text{ per } 278.03/m^2$	R	67604.~		
59	Pav pcc in open foundation				
60	$(TMA) \text{ per } 16 = 28.38 \text{ m}^2 \text{ per meter}$				
61	$27.01 m^2 \text{ per } 5235.61/m^3$	R	141,414.~		
62	Pav pcc area in foundation				
63	Wide area $17 \times 17 = 28.38 m^2$				
64	Rest area $56.57 m^2 \text{ per } 5803.71/m^2$	R	327970.~		

65	S/R/P HYD main part				
66	Wide TMA $16 \times 2.70 m^2$				
67	$\text{per } 49476.56/m^3$	R	132587.~		
68	Pav pcc in substation wide				
69	$(TMA) \text{ per } 17 = 36.28 m^2 \text{ per meter}$				
70	$36.28 m^2 \text{ per } 6010.34/m^3$	R	218054.~		
71	Pav. way hole wide TMA area				
72	$17 \times 80 m^2 \text{ per } 110.54/m^2$	R	8843.~		
73	Pav-R.C.S in substation				
74	Wide TMA $17 \times 8.86 m^2 \text{ per meter}$				
75	$17 \times 8.86 m^2 \text{ per } 6648.40/m^3$	R	663710.~		
76	S/R/P HYD low side TMA				
77	$17 \times 8.48 m^2 \text{ per } 49622.57/m^3$	R	421295.~		
78	Open holes behind ABB unit				
79	Wide TMA $18.73 \times 4.7 m^2 \text{ per meter}$				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
40	73	25 m <sup>2</sup> @ Rs 752.00/m <sup>2</sup>	Rs 55765.00		
45	Port & Lorry H.C.M. side				
48	TMB Area 18 = 36.52 m <sup>2</sup> per meter				
49	36.50 m <sup>2</sup> @ Rs 2931.63/LP	Rs 107004.00			
50	Port & Lorry RCC m super str.				
51	Vide TMB Area 18 = 58.39 m <sup>2</sup>				
52	Rs 7240.00/m <sup>2</sup>	Rs 422745.00			
53	Slipper H.C.D. Side in S/S side				
54	TMB Area 18 = 6.14 m <sup>2</sup> per meter				
55	Rs 50.752.47/m <sup>2</sup>	Rs 311620.00			
56	Conc of parapet side				
57	18 = 8.16 m <sup>2</sup> per meter				
58	7.83 m <sup>2</sup> @ Rs 6010.30/m <sup>2</sup>	Rs 47662.00			
59	Port Orange front side				
60	TMB Area 18 = 8 m <sup>2</sup> @ Rs 422.26/Eas	Rs 3378.00			
61	422.26/Eas				
62	Port & Lorry Heavy Couse				
63	Vide TMB Area 18 = 8.54 m <sup>2</sup>				
64	Rs 11691.57/m <sup>2</sup>	Rs 99846.00			
65	Port & Lorry R.C.C. in S/S				
66	Vide TMB Area 18 = 7.14 m <sup>2</sup>				
67	m <sup>2</sup> per meter 14.07 m <sup>2</sup> @ Rs				
68	9777.65/LP	Rs 137572.00			
69	Port & Lorry Below stairs				
70	Vide TMB Area 19 = 7.14 m <sup>2</sup> per meter				
71	207.00 m <sup>2</sup> @ Rs 5656.06/LP	Rs 114819.00			

Total

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		N.Y.R. 6			11888565.-
Add'l	18x G.S.T. 6				1426628.-
Add'l	1x C-a 6				118886.-
Add'l	S.P. A				150186.-
					Total Rs 13584275.-
less	15.59 Yas per acre				2117788.-
					Total Rs 1,14,66487/-
less	base Amount of				55,38,864/-
					Total Rs 59,27,623/-
<del>Abcd by 25741 m<sup>2</sup></del>					

## Material State

- (1) Stone metal : 23.76 m<sup>2</sup> (620.62/-)
- (2) Stone metal : 9.50 m<sup>3</sup> (514.58/-)
- (3) Coarse sand : 14.26 m<sup>3</sup> (175.80/-)
- (4) Stone metal : 97.20 m<sup>3</sup> (511.44/-)
- (5) Screey material : 19.28 m<sup>3</sup> (397.73/-)
- (6) Stone chip : 508.36 m<sup>3</sup> (604.91/-)
- (7) Sand : 258.97 m<sup>3</sup> (175.80/-)
- (8) Granite material : 146.70 m<sup>3</sup> (165.26/-)
- (9) Filter medium : 73.00 m<sup>3</sup> (512.08/-)

Abcd by			
25741 m <sup>2</sup>			
25741 m <sup>2</sup>			