

Schedule XLV-Form No. 134

Gen

आमल काम विभाग काम प्रसिद्ध, गुजरात DIVISION

आमल काम विभाग काम प्रसिद्ध, गुजरात SUB-DIVISION

Bagha Sattu Rankrit House To PNGSY Road

MEASUREMENT BOOK

No 2329

18/01/10 515/06/14

Sch. XLV - Form No. 134

ग्रामीण कार्य विभाग कार्य प्रमंडल, पुपरी DIVISION

कार्य अवर प्रमंडल, पुपरी (लक्ष्म) SUB-DIVISION

Measurement Book

No. 2329

Name of Officer श्री रामकुमार सत्यार्थी

साहायक अभियंता कार्य अवर प्रमंडल, पुपरी (लक्ष्म)

Date of first entry _____

Date of last entry _____

Isl. on $\frac{1}{2}$ Bill

1

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.	
N/W: - Construction of Road and CD works with maintenance for Bagbatti Ramkrishna house to Pongsi road under M.M.C.S.Y.					
N/A - Milaan Engineering Pvt. Ltd. Tumkur					
Hassiharanga, Silamathi					

Agreement No. -

81 / SPS / 2020 - 21

Date of start

: - 06 / 05 / 2020

Date of completion

: - 05 / 01 / 2021

Date of Actual work

: - work is under progress.

SE No ①: Setting out pillars

Pr. and fini - pop

working benchmarks

pillars.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	044	—	0.600 Km		
S (ii) (2) Reference piling			—	0.600 Km	
SL No (3) clearing and grubbing road land including area					
	2	600m	3.50m		
					$= 4200m^2$
					$= 6.41 \text{ gha}$
SL No (4) Excavation for road way in soil including area					
	2	10	20	0.375	
					$\times 0.100 = 22.50 m^3$
	2	1	20	0.375	$\times 0.100 = 2.25 m^3$
					$= 24.75 m^3$
SL No (5) Cont of embankment with material obtain from borrow pits - with 100m lead					
	044		70%	of 044 (approx)	
					$ie - 290.00 m^3$
					with 100m lead
					$ie - 50\% \text{ of } 044$
					$= 75.00 m^3$
SL No (6) Cont of Sub-grade and earthen shoulder with approved material					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
including area with head and tail Qty - 40% 4% (approx) — 225.00 m ³					
SL NO (7) Cont. of G.S. 2 by providing well graded material spreader is uniform layers all carb.					
Box cutting work Same as 2 nd MD (4)					
					20.75 m ³

1x 28x 2.75x0.05 = 2.75 m ³				
				50.82 m ³
Limit to 52.25 m ³				
SL NO (8) B laying spreader and compacting stone aggregates including all carb.				
1x 15x $\frac{4.5 + 3.95 + 4.45}{2}$				
				x 0.75 = 4.837 m ³
1x 15x $\frac{4.70 + 3.75}{2}$				
				x 0.075 = 4.415
1x 15x $\frac{3.75 + 4.00 + 3.70}{3}$				
				x 0.075 = 4.293

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
1x	15x	$\frac{3.70+3.75}{2}$		0.075	2 4.190
1x	15x	$\frac{3.75+3.75}{2}$		0.075	4.218
1x	15x	$\frac{3.75+4.15}{2}$		0.075	4.943
1x	15x	$\frac{4.15+3.75}{2}$		0.075	4.443
3x	15x	$\frac{3.75+3.75}{2}$		0.075	12.656
1x	15x	$\frac{3.75+4.30+3.70}{3}$		0.075	4.402
1x	15x	$\frac{3.70+3.75}{2}$			

2x	15x	$\frac{3.75+3.75}{2}$		0.075	8.437
1x	15x	$\frac{3.75+3.60}{2}$		0.075	4.134
1x	15x	$\frac{3.60+3.60}{2}$		0.075	4.050
1x	15x	$\frac{3.60+3.35}{2}$		0.075	3.909
1x	15x	$\frac{3.35+3.35}{2}$		0.075	3.768
1x	15x	$\frac{3.35+3.80}{2}$		0.075	4.024
1x	15x	$\frac{3.80+3.80}{2}$		0.075	4.275
1x	15x	$\frac{3.80+4.10+3.10}{3}$		0.075	4.425

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x 15x		3.90 + 3.65	0.075		4.246
		2			
1x 15x		3.65 + 4.20 + 4.00			
		3			
			x 0.075		4.443
1x 15x		4.00 + 3.75	0.075		4.359
		2			
1x 15x		3.75 + 3.75	0.075		4.218
		2			
1x 15x		3.75 + 3.75	0.075		4.218
		2			
1x 5.50x		3.75 + 3.65	0.075		1.526
		2			
1x 15.00x		3.05 + 3.60	0.075		3.740
		2			
1x 16x		3.60 + 3.75			
		2			
			x 0.075		4.410
1x 2.10x		2.75	0.075		0.870
43 m 250x					
1x 15x		2.80 + 3.75			
		2			
			x 0.075		4.246
1x 15x		3.75 + 3.75			
		2			
			x 0.075		4.218
1x 15x		3.60 + 3.75	0.075		4.134
		2			
1x 4.5x		3.10 + 3.60	0.075		3.768
		2			
1x 6.40x		3.10 + 3.50			
		2			
			x 0.075		1.584

Continuation

= 142.308

See 143.31m³

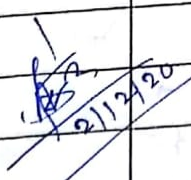
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SL No. 5) P.C.C. / construction of P.C.C. Perimeter - m. as per design over a prepared sub-base including arch.					
1 x 15 m x 4.50 + 2.95 + 4.45				3	
				x 0.160	= 10.320
1 x 15 m x 4.10 + 3.75				2	
				x 0.160	= 9.420
1 x 15 x 2.75 + 4.20 + 3.70				3	
				x 0.160	= 9.160
1 x 15 x 2.75 + 3.75				2	
				x 0.160	= 8.940
1 x 15 x 2.75 + 3.75				2	
				x 0.160	= 9.000
1 x 15 x 2.75 + 4.15				2	
				x 0.160	= 9.480
1 x 15 x 4.15 + 3.75				2	
				x 0.160	= 9.480
2 x 15 x 2.75 + 3.75				2	
				x 0.160	= 27.000
1 x 15 x 2.75 + 4.20 + 3.70				3	
				x 0.160	= 9.400
1 x 15 x 3.70 + 3.75				2	
				x 0.160	= 8.940
2 x 15 x 2.75 + 3.75				2	
				x 0.160	= 18.00
1 x 15 x 2.75 + 3.60				2	
				x 0.160	= 8.820

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1x 15x	$\frac{3.60+3.60}{2}$		$\times 0.160$	8.640
	1x 15x	$\frac{3.60+3.35}{2}$		$\times 0.160$	8.340
	1x 15x	$\frac{3.35+3.35}{2}$		$\times 0.160$	8.040
	1x 15x	$\frac{3.35+3.80}{2}$		$\times 0.160$	8.580
	1x 15x	$\frac{3.80+3.80}{2}$		$\times 0.160$	9.120
	1x 15x	$\frac{3.80+4.10+3.10}{3}$		$\times 0.160$	9.440
	1x 15x	$\frac{3.10+3.65}{2}$		$\times 0.160$	9.000
	1x 15x	$\frac{3.65+4.20+4.00}{3}$		$\times 0.160$	9.480
	1x 15x	$\frac{4.00+3.75}{2}$		$\times 0.160$	9.300
	1x 15x	$\frac{3.75+3.75}{2}$		$\times 0.160$	9.000
	1x 15x	$\frac{3.75+3.75}{2}$		$\times 0.160$	9.000
	1x 5.50x	$\frac{3.75+2.65}{2}$		$\times 0.160$	3.256
	1x 15x	$\frac{3.05+3.60}{2}$		$\times 0.160$	7.920
	1x 16x	$\frac{3.60+3.75}{2}$		$\times 0.160$	8.220
	$1 \times 3.10 \times 3.75 \times 0.160 = 1.860$				

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
43 B.I. on map					
1x 15x		3.80+3.75			
			2 x 0.160		= 9.060
1x 15x		3.75+3.75			
			2 x 0.160		= 9.000
1x 15x		3.75+3.75			
			2 x 0.160		= 9.000
1x 15x		3.60+3.75			
			2 x 0.160		= 8.820
1x 15x		3.10+3.50			
			2 x 0.160		= 8.040
1x 6.40x		3.0+3.50			
					= 305.155 m ²
					Say 305.155 m ²
Sl. No (16) P. and fixing					
of information lines with					
tag of masonry					
board including					
all camp.					
Qty - 2 nos					
					

Continuation

Abstract of Est

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SL No (1/1) Setting out of pillars/Re and fixing of working Bench marks pillars.					
Qty. vide TMB P-②					
— 0.600 km					
② ₹ 4183 = 69/km					₹ 2570 = 00
SL No (2/2) Reference pillars.					
Qty. vide TMB P-②					
— 0.600 km					
② ₹ 1923 = 65/km					₹ 1160 = 00

SL No. (3/2) clearing and grubbing road land including survey					
Qty. vide TMB P-②					
— 0.42 Hk					
② ₹ 49456 = 70/Hk					₹ 20789 = 00
SL No (4/4) Excavation for road main					
Qty. vide TMB P-②					
— 24.75 m ³					
② ₹ 74 = 10/m ³					₹ 1834 = 00
SL No (5/5) Const of sub work					
— mcm with material					

obtains from borrow pits
 Continuation
 Loc. 1000m

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty. vide TMB P-②					
—					390.00 m ³
② 175 = 11/m ³					7 68293.200
With 100 m lead					
—					75.00 m ³
② 1382.27/m ³					7 10370.00
SL No (6) Const of sub grade					
and earth shoulder					
with different material					
including all comp					
with lead and 25%					
Qty. — vide TMB P-③					
—					325.00 m ³
② 176 = 11/m ³					7 54442.00
SL No (8/9) Provisioning					
laying and spreading					
and Contracting of material					
as with G.M. III					
isolate the back of					
Qty. — vide TMB P-⑤					
—					143.31 m ³
② 13095 = 84/m ³					7 443665.00
SL No (12) Const of G.S.S					
by providing new					
graded material spreading					
in uniform layers comp					
Qty. — vide TMB P-⑥					
—					53.25 m ³
② 2543 = 181/m ³					7 135424.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SL NO. (7/14) Cont of un-reinforced/cement concrete pavement to a per Redon over a prepared sub-base including curbs					
Qty - see TMB p. (2)					
— 305.155 m ³					
@ ₹ 7442 = 28/m ³ — ₹ 2271049 = 00					
SL NO (19/23). Pr and fixing of information signposts (in m ² x 3) board include all exp					
Qty - see TMB p. (2)					
— 2 m ²					
@ ₹ 11006 = 219/m ² — ₹ 22012 = 00					
— total = ₹ 3031550 = 00					
Less of per square					
— 4 0.000					
Net amt ₹ 3031550 = 00					
Bay ₹ 30,31,550 = 00					
Advt 13% for Const + Gvt					
— ₹ 394102 = 00					
— ₹ 30,31,550 = 00					
Less 10% or below					
— ₹ 3,03,155 = 00					
Net. = ₹ 30,89,087 = 00					

Shm
2/12/20
A.E

Continuation

2/12/20