

Name of work — Teyas Tila Bazaar To Puchgaon

Agency — Kyraas Rohil —

Shedule XLV Form No. 134.

Executive Engineer
R.W.D. Works Division

Project DIVISION

A.E. Akbarpur

SUB-DIVISION

M.B.No - 1069

Measurement Book

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.	
		120	30.00	4.40	
Name of work - Construction of road from Tumpu to Borsua to Pachyatra under 100027.					
Agency - District P.W.D., A.P. Road, Nandya.					
Ag. No. - 11/100027/2020-21					
Date of commencement - 11.9.2020					

Date of completion as per Ag. - 10.6.21					
Job 1 Entry -					
Job 1 Providing and fixing benchmark					
----- 12th, 19th					1 No.
Job 2/2 Providing reference pillar					
----- 12th					1 No.
Job 3/2 Clearing and grubbing road bed					
12x 30.00x 4.40					= 1584.00 m ²
1x 26.00x 4.40					= 114.40 m ²
					1698.40 m ²

Continuation - 0.60 H.

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Sl No. 4/4	Correlation of				
	embankment				
	-----	Length			
Chairs	C/S/M	Length	Depth	(3/4)	
(m)	(m)	(m)	(m)	(m)	(m ³)
0	0				
100	0.44		0.22 x 100.0 =	22.00	
200	0.42		0.43 x 100.0 =	43.00	
300	0.12		0.27 x 100.0 =	27.00	
360	0		0.06 x 100.0 =	3.60	
					95.60 m ³

Summ 11.10.2020 82						11.10.2020 A-E					
Sl No. 5/21, K/W excavation											
for structure											
----- Length m/sec.											
<u>1000mm dia HPC</u>											
H/W.		2x	6.45x	1.40x	1.50 =	27.09					
Below p.p.		1x	4.85x	1.53x	0.40 =	2.97					
<u>600mm dia HPC</u>											
H/W.		2x	3.90x	1.15x	1.50 =	13.46					
Below p.p.		1x	5.35x	1.13x	0.40 =	2.42					
											45.94 m ³

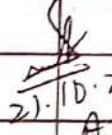
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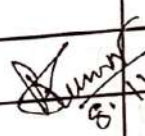
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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Jt No. 6/22. Providing PCC M15					
1000 mm dia H.P.C.					
2x	6.45	1.40	0.15		2.71
1x	4.93	1.53	0.25		1.89
600 mm dia					
2x	3.90	1.15	0.15		1.35
1x	5.30	1.13	0.25		1.50
					7.45 m ³
Jt No. 7/23. Providing PCC (M20)					
Substructure					
1000 mm dia					
2x 6.15 x 0.825 x 3.18 m ³					32.27 m ³
2x 6.15 x 0.40 x 0.65 m ³					3.20 m ³
600 mm dia					
2x 3.60 x 0.70 x 2.78 m ³					14.01 m ³
2x 3.60 x 0.40 x 0.65 m ³					1.87 m ³
					51.35 m ³
Deduction for pipe					
1000 mm dia 2x 0.7857 x (1.23) ² x 0.622					1.48 m ³
600 mm dia 2x 0.7857 x 0.83 ² x 0.53					0.48 m ³
					49.29 m ³
Jt No. 8/25. Providing RCC R.P.C.					
600 mm dia H.P.C.					7.50 m

Continuation

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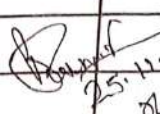
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
JN No. 9/26. Providing, laying					
REC NP 600 mm dia					
Pipe - - - - -					7.50 m
JN No. 10/24. Providing and					
laying REC NP					
300 mm dia Pipe					
4 x 10.0 m					= 40.0 m
 21.10.2020 A.E.  21.10.2020 A.E.					

JN No. 11/5. Construction of					
Subgrade - - - - -					
12 x 30.00 x 7.36 x 0.30 = 795.88 m ³					
1 x 26.0 x 7.36 x 0.30 = 57.41 m ³					
					853.29 m ³
 8.11.2020 A.E.  08.11.2020 A.E.					

JN No. 12/6. Construction of					
granular Subbase					
- - - - -					
1 x 6.0					
2 x 6.0					

Continuation

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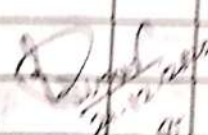
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	12	30.00	4.05	0.20	295.60 m ³
	1x	26.00	4.05	0.20	21.06 m ³
					312.64 m ³
Add 2% for extra widening					
at curve (J)					6.25 m ²
					318.91 m ³
 25.11.2020 S.V.  25.11.2020 A.E.					
2 No. 13/7. W.A.M. Building 3 Providing, laying spraculum - - -					
	12	30.0x	3.75	0.075	101.25 m ³
	1x	26.00	3.75	0.075	7.31 m ³
					108.56 m ³
Add 2% for extra widening					
at curve (J)					2.17 m ³
					110.73 m ³
2 No. 14/5 Construction of Subgrade and earthwork shoulder					
	2x 12	30.0x	1.40	0.20	201.60 m ³
	2x	26.00	1.40	0.20	14.56 m ³
	2x 12	30.0x	1.20	0.075	64.80
	2x	26.00	1.20	0.075	4.68

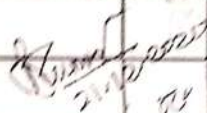
Continuation

285.64 m³

21.12.2020
S.V.


21.12.2020
A.E.

Particulars	Details of actual measurement				Quantity of work
	No.	L.	B.	H.	
24710-15/10. Perimeter of field					
Primary Road					
-----					2100
 					

(i) Earth =	12249.52				
(ii) Stone work =	2145.53				
(iii) Cement Road =	1100				
(iv) Stone wall =	12249.52				
 					

Particulars of work

24710-1/1	Construction of reference Bench-mark-----	Vol. 1
	V.T.M.B.P. 1	
1 No.	@ Rs 2049.56 each Rs 3250.-	
24710-2/2	Const. of reference pillars-----	Vol. 1
	V.T.M.B.P. 1	
1 No.	@ Rs 1733.05 each Rs 1733.-	
24710-3/3	Cleaning and grubbing and level	

Continuation

Continuation

Scanned with CamScanner

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
V.T.M.B.P. 6.					
2ND @ R 12144 44 each R 18489.00					
2ND 9/11 EIR in excavation					
for structures					

V.T.M.B.P. 2					
4594m ³ @ R 29473/m ³ R 13540.00					
2ND 10/22. Providing PCCMIS					
in -bund - - -					
take spec					
V.T.M.B.P. 3.					
7.45m ³ @ R 41216/m ³ R 3071.60					

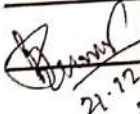
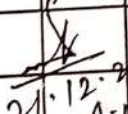
2ND 11/23. Providing PCCMIS					
in Substructure					

V.T.M.B.P. 3					
49.29m ³ @ R 484739/m ³ R 238928.00					
2ND 12/24. Providing RCC NPs					
bottom of Pipe					

V.T.M.B.P. 4					
40.00 m @ R 87016/m R 34806.00					
2ND 13/25. Providing RCC					
NPs 600mm dia					
Pipe - - - @					
V.T.M.B.P. 3					

Continuation

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Particulars	Details of actual measurement				Content of area
	No.	L.	B.	D.	
7.50m @ P ₁ 1668.25/m				P ₁	3016.00
Dist. 15/26, P ₁ 1668.25/m				P ₁	
1002mm dia					
----- 1668.25/m					
V.T. m. P. P. 1/1					
7.50m @ P ₁ 3592.36/m				P ₁	26943.00
Dist.					
				P ₁	1453.27400
Less 17.00 1/1 @ P ₁ 1453.27400				P ₁	27422.00
				P ₁	1169052.00
Add 12-1. (S.T.A.) P ₁				P ₁	140286.00
Add 1-1. L.C. + P ₁				P ₁	11691.00
				P ₁	1321029.00
Add S.F. (+) P ₁				P ₁	29099.00
				P ₁	1350128.00
 21.12.2020					
 21.12.2020					
				A.E.	

Continuation