

M. M. S. R. (SC)

Schedule XLV-Form No. 134

Name of Work - Design Group / Part Pm bsy K0009

Newton Const. of Engineering DIVISION

31009537 SUB-DIVISION

Measurement Book

M. B. No -

~~2004~~ 1104

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.	
					Lat on A/c Bill
Name of work:-					Construction of road from Pithampur to Desma Gopalpur PMGSY Road under MMGSY.
Agency:-					Nirman Construction and Engineering.
Aggr. No.					173/SB/MMGsy/2020-21
Date of commencement.					27.3.21.
Date of completion or pragr.					26.3.22
Date of Entry:-					
# No. 1/1					Providing and fixing working Benchmark --- --- tech spec 2 Nos
# No. 2/2.					Providing and fixing working reference pillar --- tech spec 4 Nos

Continuation

chainage (m)	c/s Area (m ²)	mean c/s Area (m ²)	Length (m)	Qty (m ³)
0	1.38	-	-	-
100	1.42	-	$1.40 \times 100.0 =$	140.00
200	1.46	-	$1.44 \times 100.0 =$	144.00
300	0.98	-	$1.22 \times 100.0 =$	122.00
400	1.24	-	$1.11 \times 100.0 =$	111.00
500	1.56	-	$1.40 \times 100.0 =$	140.00
600	1.66	-	$1.61 \times 100.0 =$	161.00
700	1.52	-	$1.59 \times 100.0 =$	159.00
800	1.40	-	$1.46 \times 100.0 =$	146.00
				<u>1123.00 m³</u>

Scanned with CamScanner

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF	1123.0 m ²
900 -	1.28	-	1.34	100.0	134.00
1000 -	1.16	-	1.22	100.0	122.00
					1379.00
(i) For 1000mm load = 0.40 x 1379.00 =					551.60 m ²
(ii) For 1000mm load = 0.60 x 1379.00 =					827.40 m ²

Sum
13.5-21

No. 5/28 E/W excavation
for structure
--- tech. sh.

(2 No. 1000mm dia HPE)

H/W = 2 x 2 x 6.45 x 1.40 x 1.50 = 54.18 m³

Below pipe 2 x 1 x 4.85 x 1.53 x 0.365 = 5.42 m³

(1 No. 600mm dia HPE)

H/W = 1 x 2 x 3.90 x 1.15 x 1.50 = 13.46 m³

Below pipe 1 x 1 x 5.35 x 1.13 x 0.365 = 2.21 m³

75.27 m³

No. 6/29. Formwork for m/c
in found --- sh.

(1000 mm dia HPE)

H/W = 2 x 2 x 6.45 x 1.40 x 0.15 = 5.42 m³

Below pipe 2 x 1 x 4.93 x 1.53 x 0.25 = 3.77 m³

(600mm dia HPE)

H/W = 1 x 2 x 3.90 x 1.15 x 0.15 = 1.35 m³

Below pipe 1 x 1 x 5.31 x 1.13 x 0.25 = 1.50 m³

12.04 m³

Continuation

Continuation

[illegible]

Continuation

[illegible]

Material Statement	
(i) EFW =	2684.0 m ³
(ii) Stone chips =	85.22 m ³
(iii) GSB Materials =	359.73 m ³
(iv) Course Sand =	196.73 m ³
S.F.	
(i) Earth =	2684.0 m ³ @ 34.78 / m ³ R 93350.00
(ii) GSB =	428.25 m ³ @ 462.86 / m ³ R 198220.00
(iii) PCC MS =	12.0 m ³ @ 46543 / m ³ R 5604.00
(iv) PCC m20 =	82.65 @ 535.51 / m ³ R 44260.00
	R 341434.00
10% S.F. =	R 34143.40

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of Cash</u>					
21 No. 1/1	Providing and fixing working Benchmark --- 1				
	V.T.M. B.P. 1				
2 Nos	@ Rs 3847-15 each				Rs 7694-30
21 No. 2/2	Providing and fixing working reference pillar --- 1 each				
	V.T.M. B.P. 1				
1 No	@ Rs 1731-60 each				Rs 1731-60
21 No. 3/3	Clearing and grubbing road sand --- 1 each				
	V.T.M. B.P. 2				
0.44 H	@ Rs 51133-76 / H				Rs 22499-00
21 No. 4/4	Road cutting Excavation for roadway --- 1				
	V.T.M. B.P. 5.				
37.51 m ³	@ Rs 74-16 / m ³				Rs 2782-00
21 No 5/6, 7.	Construction of embankment --- 1 each				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	V.T.M.B.P. 3.				
(i) For 1000 m leads:-					
551.60 m ³ @ R 188.05/m ³					R 103728-
(ii) For 100 m leads:-					
827.40 m ³ @ R 142.17/m ³					R 117631.00
At No. 6/8. Construction of					
Subgrade					
tech. spec.					
V.T.M.B.P. 5.					
1305.00 m ³ @ R 189.89/m ³					R 247806.00
At No. 7/9. Construction of					
granular Subbase					
tech. spec.					
V.T.M.B.P. 6.					
428.25 m ³ @ R 1666.40/m ³					R 713636.00
At No. 8/28. E/W excavation					
for structure					
tech. spec.					
V.T.M.B.P. 3.					
75.27 m ³ @ R 294.73/m ³					R 22184.00
At No. 9/29. Providing PCC M15					
in found.					
tech. spec.					
V.T.M.B.P. 3.					
12.04 m ³ @ R 4102.44/m ³					R 49393.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
At No. 10/30. Providing Rec					
m ² in Substructure					

V.T.M. B.P. 4.					
82.65 m ³ @ Rs 4825 = 83/m ³ Rs					398855.00
At No. 11/32. Providing and					
laying Rec Pipes					
600 mm dia pipe					

V.T.M. B.P. 4.					
7.50 m @ Rs 1077+16/m Rs					8079.00
At No. 12/33. Providing and					
laying Rec Pipe					

N/A 1000 mm dia					
Pipe -----					
V.T.M. B.P. 5.					
15.0 m @ Rs 3613+27/m Rs					54199.50
					Rs 1755412.00
Add 12% GST (+)					Rs 210649.00
Add 1% L.C. (+)					Rs 17554.00
S.f. (+)					Rs 34143.00
					Rs 2017758.00
Less 18.20 % as per					
ago (-)					Rs 367232.00
					Rs 1650526.00

Summed
4.8.21.
S.E.

Continuation