

श्रीधर - MMVSY SL

Schedule XLV Form No. 134.

1474

Jibaah pur to Chamar Tola

Rural Supal

DIVISION

Rural works Division Supal

SUB-DIVISION

Measurement Book

DM Sai Nath construction (Nishal Kumar)

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.	
	1st	on	A/c	Bill	

Name of work:- Construction of
Road from Jibachpur to
Chamar Tola (mmgsf-sc)

Agency:- Om Sai math Const.
Pro- Vishal Kumar

Agreement No:- 11-SBD-202021

Agreement Value:- 125,10430

Date of Start:- 11.02.2021

Date of Complⁿ:- 10.02.2022

Date of measurement:- 05.07.2021

1) Providing & fixing of
working B.M 2 NOS/Km &
6 NOS/Km Reference Pillar

$$8 \times 0.180 \text{ Km} = 1.44 = 14.0 \text{ NOS}$$

2) clearing and grubbing
Road level - do -

$$30 \times 30 \text{ m} \times 3.5 = 3150.0$$

$$32 \times 25 \text{ m} \times 3.5 = 2800.0$$

$$\text{Total} = 5950 \text{ m}^2 = 0.595 \text{ Hect}$$

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
Record Entry					
Date:					
Details of CD Work.					
1) E/W in excavation for Structure as per drawing					
Abutment					
	$2 \times 7.60 \times 2.133 \times 1.60$				51.875 m^3
R/Wall	$4 \times 1.767 \times 1.930 \times 1.60$				$21.826 "$
Floor under Deck Slab					
	$1 \times 6.20 \times 0.400 \times 0.250$				$0.620 "$
					<u>Total = 74.321 m³</u>

2) Sand filling in found
Trenches as per drawing

Abt	$2 \times 7.60 \times 2.133 \times$				
Floor under deck Slab					
	$1 \times 6.20 \times 1.629 \times 0.100$				1.010 m^3

3) P/v PCC M-15 Plain

Concrete in open foundation

Complete as per drawing

Abt	$- 2 \times 7.60 \times 2.133 \times 0.20$				6.484 m^3
R/Wall	$- 4 \times 1.767 \times 1.93 \times 0.20$				$2.728 "$
Floor under Deck Slab	$1 \times 6.20 \times 1.736 \times 0.150$				1.614 m^3
					<u>Total = 10.826 m³</u>

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
4) P/V PCC M-15 plain concrete in open foundry					
Complete as per drawing					
Qty below GL					
Abt -	2	6.80	1.633	1.40	31.092 m ³
R/W -	4	1.767	1.43	1.40	14.150 "
					Total = 45.242 m ³
5) Plain cement concrete in sub-structure complete as per drawing					
M-15 (PCC-1:2:5)					
Qty above GL					
Abt -	2	6.00	0.917	1.30	14.297 m ³
R/wall -	4	1.984	0.665	1.59	8.389 m ³
					Total = 22.686 m ³
6) Supplying, Fitting & Placing HYSD bar reinforcement in Super-Structure complete as per drawing					
For Cup & Dirt wall					
Ring, 8mm ϕ @ 200 c/c					
	31 Nos	1.44	0.39	kg/m	17.40 kg
	31 Nos	1.56	0.39	kg/m	18.86 kg
Main bar 12mm ϕ , 10 Nos					
	10 Nos	5.40	0.89	kg/m	48.06 kg
					Total = 84.42 kg

Continuation

BF = 84.42 kg

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Deck Slab					
Main bar, 12 mm ϕ , 88 Nos					
88 Nos $\times$ 2.736 $\times$ 0.89 kg/m = 214.28 kg					
Distribution bar, 10 mm ϕ					
26 Nos $\times$ 6.0 $\times$ 0.62 kg/m = 96.72 kg					
Road Kerb					
Ring, 8 mm ϕ @ 200 c/c					
30 Nos $\times$ 1.80 $\times$ 0.39 kg/m = 21.06 kg					
Main bar, 12 mm ϕ , 4 Nos					
4 Nos $\times$ 2.894 $\times$ 0.89 kg/m = 10.30 kg					
Top extra bar, 10 mm ϕ					
42 Nos $\times$ 1.980 $\times$ 0.62 kg/m = 51.23 kg					
End Pillars					

Ring, 8 mm ϕ @ 200 c/c	
4 Nos $\times$ 3 Nos $\times$ 1.40 $\times$ 0.39 kg/m = 6.55 kg	
Vertical bar, 12 mm ϕ	
4 $\times$ 4 $\times$ 0.60 $\times$ 0.89 kg/m = 8.54 kg	
Total = 493.10 kg	
05/04/2021 JE	05.04.2021 A-E
	0.493 MT

7) plain Cement Concrete
(M-20) in sub-structure
Complete as per drawing

Abt. Cap - 2 $\times$ 6.00 $\times$ 0.70 $\times$ 0.20 = 1.680 m ³	
Dist wall - 2 $\times$ 6.00 $\times$ 0.40 $\times$ 0.24 = 1.152 m ³	
Parapet - 2 $\times$ 8.00 $\times$ 0.40 $\times$ 0.60 = 3.840 m ³	
Total = 6.672 m ³	

ABSTRACT OF COST

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) Setting out work complete with bench mark & Reference Pillars as per drawing -					
Qty - 14.0 Nos (vide TMBP-1)					
@ 2447.24 Rs/No					Rs 34261=00
2) Clearing and grubbing					
Rough Land -					
Qty - 0.595 Hect (vide TMBP-1)					
@ 49496.70 Rs/Hect					Rs 29455=00

3) Construction of Embankment with material obtained from borrow pit with					
leaved 100 m					
Qty - 149195.298.39 m ³					
(vide TMBP-12)					
@ 139.70 Rs/m ³					Rs 41745=00

4) Construction of embankment with material obtained from borrow pits with					
leaved 100 m					
Qty - 1193.56 m ³ vide TMB					
Pg No. (12)					
@ 139.90 Rs/m ³					Rs 166,979=00

Total = 2,82,946=00

Continuation

BP = 2,82,946 = 0

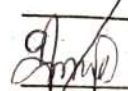
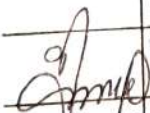
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5/15+16 Granular Sub-base with well graded material					
Qty - 1197.975 m ³ (vide TMBP-10)					
② 2917.82 Rs/m ³ — Rs 34,95,475 = 00					
6/17+18 WBM Gr-3 with Stone Screening material as per drawing -					
Qty - 510.888 m ³ (vide TMBP-10)					
② 3558.47 Rs/m ³ — Rs 18,17,980 = 00					
7/38 E/W in excavation for structures as per drawing — do —					
Qty - 74.321 m ³ (vide TMBP-2)					
Add Qty - 148.64 m ³ (vide TMBP-5)					
Total Qty = 222.96 m ³					
② 260.55 Rs/m ³ — Rs 58,101 = 00					
8/39 Sand filling in foundry trenches as per drawing					
Qty - 1.020 m ³ (vide TMBP-2)					
Qty - 2.020 m ³ (vide TMBP-5)					
Total Qty = 3.03 m ³					
② 449.07 Rs/m ³ — Rs 1362.00 = 1361 = 00					

Continuation Total = 56,55,863 = 0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
9/40 → Providing PCC M-15 Plain concrete in open found ⁿ complete do-					
Qty - 10.826 m ³ (vide TMBP-2)					
Qty - 21.65 m ³ (vide TMBP-6)					
Total Qty = 32.476 m ³					
@ 5737.74 Rs/m ³ —					Rs 1,86,339 = 00
10/41 → P/V PCC M-15 Plain concrete in open found ⁿ complete as Per drawing —					
Qty - 45.242 m ³ (vide TMBP-3)					
Qty - 90.480 m ³ (vide TMBP-6)					
Total Qty = 135.722 m ³					
@ 6197.27 Rs/m ³ —					Rs 8,41,106 = 00
5737.74 —					Rs 778,738 = 00
11/42 → Plain Cement Concrete in Sub-structure Complete as Per drawing (M-15)					
Qty - 22.686 m ³ (vide TMBP-3)					
Qty - 45.390 m ³ (vide TMBP-6)					
Total Qty = 68.058 m ³					
@ 6197.27 Rs/m ³ —					Rs 4,21,774 = 00
12/43 → Plain/Reinforced Cement concrete in Sub-structure Complete as Per					
Total 270,42,714 = 00					

Continuation

BF = 73,38,980 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
15 A7 → P/W Deep holes in brick masonry, plain Cement Concrete abt. w/wall & R/wall as per drawing					
Qty - 24.0 Nos (vide TMBP-5)					
Qty - 48.0 Nos (vide TMBP-8)					
T. Qty - 72.0 Nos					
@ 108.20 Rs/Ms					Rs 7,790 = 00
Total = 73,46,770 = 00					
As Per Agreement less 10% E = 73,46,772 = 00					
Total = 66,12,093 = 00					
 28/07/2021 J.E.					
Total = 73,46,770 = 00					
Add GST @ 12% = 8,81,612 = 00					
Add L.C @ 1% = 73,468 = 00					
Total = 83,01,850 = 00					
Less 10% As Per Agreement (-) E 8,30,185 = 00					
Total = 74,71,665 = 00					
 28/07/2021 J.E.					
 28.07.2021 A.E.					