

MMGSR (SC)

Const. of Road from Panjchow to Loppy

Schedule XLV-Form No. 134

RWD(w), Srig. - Tawangraj DIVISION

Bhakt-Brukay Bazar SUB-DIVISION

Measurement Book

- 637

Cont: — Arun Kumar

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
628	7.04	7.18	26	=	182.68 ²
				$\times H =$	4657.43 ³
deduct D.T.S.B				$\hookrightarrow =$	406.14
deduct W.B.M.115				$\hookrightarrow =$	174.54
shoulder				$\hookrightarrow =$	1644.61
Articulous surface				$\hookrightarrow =$	38.94
				$\times H =$	2333.1 ³
(471) 100 m left of Bay. =					699.93 ³
(475) 100 m right of Bay. =					1693.17 ³
316.472					

Abstract of cost

(1) Construction of Reference R

working Benchmark - do - do - 0/1

0.628 KM VMB (flat)

@ Rs 3738/- = 66 / KM ————— 62934/-

(2) Construction of Reference R

Pilots / Busojees - do - do - 0/0

0.628 KM VMB (flat 2%)

@ Rs 1700/- = 66 / KM ————— 10650/-

(3) Closing & Grounding road

carrying including uprooting

— do — do — f.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
0.93M ³	VTRM ³	($\frac{P}{3}$ at $\frac{3}{5}$)			
@ Rs	529.98 =	20/110 —	6	23319=0	

4/27) Dismantling of existing

store → do → do → E/L

1.2 M³ VTRM³ ($\frac{P}{3}$ at $\frac{1}{27}$)

@ Rs 493 = 18 — A

592=0

4/28) Dismantling of

existing str for Rce

→ do → do → E/L

6.72 M³ VTRM³ ($\frac{P}{3}$ at $\frac{5}{28}$)

@ Rs 120.4 = 44/M³ — A

8094=0

4/29) Dismantling of existing

str → do → do → E/L

42.080 M³ VTRM³ ($\frac{P}{3}$ at $\frac{6}{29}$)

@ Rs 353 = 64/M³ — A

14881=0

7/31) Removing all types H4 mpo

pipe → do → do → E/L

5 KM VTRM³ ($\frac{P}{3}$ at $\frac{1}{27}$)

@ Rs 181 = 13/KM — A

906=0

8/32) E/W excavation for str

→ do → do → E/L

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
29.12 m ³	YTB (P at 8)				
154.82 m ³	YTB (P at 16)				
183.94 m ³					
✓ @ Rs 30/- = 45/m ³					B 56179=0 ✓
(9/33) Providing & laying					
Pce M-15 in open form-					
action - do - do - G/C					
2.65 m ³	YTB (P at 9)				
9.34 m ³	YTB (P at 12)				
1.99 m ³					
✓ @ Rs 45/- = 34/m ³					B 101139=0 ✓

(10/33) Providing & laying					
Pce M-20 in sub-form					
do do - G/C					
13.04 m ³	YTB (P at 10)				
38.24 m ³	YTB (P at 19)				
31.28 m ³					
✓ @ Rs 52/- = 23/m ³					B 430554=0 ✓

(11/34) Providing & laying					
Pce M-15 in foundation					
do do - G/C					
18.82 m ³	YTB (P at 11)				
97.16 m ³	YTB (P at 18)				
115.98 m ³					
✓ @ Rs 50/- = 18/m ³					B 588851=0 ✓
Continuation					
5077.18					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12/43) Providing & Placing 1000 mm dia Hume pipe					
- do - do - Ø 15					
7.5 M VTMDB ($\frac{P}{5}$ at $\frac{P}{45}$)					
CRs $3512 = 14 / \text{M} \rightarrow R 2634/-$					
(13/45) Sand filling for foundation - do - do - Ø					
7.64 m ³ YTMDB ($\frac{P}{5}$ at $\frac{13}{45}$)					
CRs $522 = 31 / \text{M}^3 \rightarrow R 3990/-$					
(14/46) Providing & laying Bouldo appon - do - do					
- Ø 15					
5.57 m ³ YTMDB ($\frac{P}{5}$ at $\frac{14}{45}$)					
CRs $2508 = 88 / \text{M}^3 \rightarrow R 13974/-$					
(15/44) Providing & Placing 4 Pcs 300 mm dia Hume pipe - do - do - Ø 15					
300 M VTMDB ($\frac{P}{6}$ at $\frac{15}{44}$)					
CRs $697 = 43 / \text{M} \rightarrow R 20923/-$					
(15/38) Providing & laying PCC M-20 in sub str					
- do - do - Ø 15					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3. 92	URMB	($\frac{P}{8}$ at $\frac{20}{38}$)			
	CR	$55.68 = 73/m^3$			6496.73~

17/40	S.F & Placing H4SD				
	bar reinforcement in				
	super - do - do - fl				
	21 fm) URMB ($\frac{P}{8}$ at $\frac{21}{70}$)				
	CR $55.367 = 17/m^3$				16738.2~

18/39	Providing & Capping				
	Ree M-25.70 super				
	do - do - do - fl				

17.48 m ³	URMB ($\frac{P}{8}$ at $\frac{22}{39}$)				
	CR $63.52 = 68/m^3$				647518~

19/41	Back Filling behind				
	About 3 R/10 - do - do - fl				
	20.76 m ³ URMB ($\frac{P}{8}$ at $\frac{23}{57}$)				
	CR $80.4 = 98$				899.60=0

20/42	Providing & Placing				
	creep hole - do - do - fl				
	72 m ³ URMB ($\frac{P}{8}$ at $\frac{24}{52}$)				
	CR $17 = 88/m^3$				8497.0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(21/7) Construction of granular sub-base by primary					
do. B - do - do - 0.1					
166.24 m ³ YFB ($\frac{P}{10} \text{ at } \frac{25}{9}$)					
Rs 1944 = 23/m ³ B 90647.00					
(22/8) Providing & laying, SP spreading & compaction					
stone aggregates WDM-II					
do. do - 0.1					
174.54 m ³ YFB ($\frac{P}{10} - \frac{26}{8}$)					
Rs 2823 = 20/m ³ B 49276.00					
(23/9) Providing & applying Prime coat (SS+) - do					
do - 0.1					
1983.65 m ² YFB ($\frac{P}{11} \text{ at } \frac{27}{9}$)					
Rs 41 = 66/m ² B 82639.00					
(24/10) Providing & applying Tack coat (RS+) - do					
do - 0.1					
1983.65 m ² YFB ($\frac{P}{11} \text{ at } \frac{28}{10}$)					
Rs 14 = 41/m ² B 28584.00					
(25/11) Providing & laying 2 Rolling premix - do - 0.1					
1983.65 m ² YFB ($\frac{P}{11} \text{ at } \frac{29}{11}$)					
Rs 17.7 = 72/m ² B 93525.84					
Continuation					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(28/12) Providing & laying Pcc					
Pcc M-30 → do - do - 0.1					
✓ 61.2 m ³ VFB (f _c at $\frac{2}{13}$)					
✓ @ Rs 871 = 70/m ³ → B 347556 = ✓ ✓					
(29/13) Providing & placing brick					
brick solving → do - do - 0.1					
✓ 50m ³ VFB (f _c at $\frac{31}{13}$)					
✓ @ Rs 459 = 49/m ³ → B 3675420 = ✓ ✓					
(30/15) Providing & laying pcc					
M-20 → do - do - 0.1					
✓ 31.5 m ³ VFB (f _c at $\frac{32}{28}$)					
✓ @ Rs 5334 = 34/m ³ → B 168032 = 0 = ✓ ✓					
(29/36) S/F & placing H450 bar					
reinforcement in foundation → do					
→ do - 0.1					
✓ 1.44 m ³ VFB (f _c at $\frac{33}{36}$)					
✓ @ Rs 54025 = 76 → B 77797 = 0 = ✓ ✓					
(30/15) Providing & laying					
Pcc - M-10 for Tea wall					
→ do - do - 0.1					
✓ 3.15 m ³ VFB (f _c at $\frac{34}{35}$)					
✓ @ Rs 4605 = 30 → B 171312 = 0 = ✓ ✓					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(31/14) Providing & Painting on slab		→ do → do - 8' i			
20M N m B ($\frac{P}{12}$ at $\frac{34}{12}$)					
① P 2508 = 88/m ² → R 50138=0					✓
(32/16) Providing & Placing Ordinary Kilometer stone		→ do → do - 8' i			
2ND VrmB ($\frac{P}{12}$ at $\frac{36}{12}$)					
① P 2062 = 34/m ² → R 4125=0					✓
(33/17) Providing & Placing stone	300M	stone → do → do - 8' i			
3ND VrmB ($\frac{P}{12}$ at $\frac{37}{12}$)					
① P 586 = 31/m ² → R 1759=0					✓
(34/18) Providing & fixing mist boundary piles		→ do → do - 8' i			
12NDS VrmB ($\frac{P}{12}$ at $\frac{38}{12}$)					
① P 527 = 68 → R 6332=0					✓
(35/19) Painting two coats in cluding primer coats after filling		→ do → do - 8' i			
6696m ² VrmB ($\frac{P}{12}$ at $\frac{39}{12}$)					
① P 99 = 17/m ² → R 6640=0					✓

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

(36/20) Painting new letters

3 figures - do - do - 81

624 ✓ per CM² VFB ($\frac{P}{14}$ at $\frac{10}{20}$)

@ Rs 0.53 | Per cent - B 333=0 ✓

(37/21) Producing & fixing logo

& printing informative sign

board - do - do - 81

3M0 VFB ($\frac{P}{14}$ at $\frac{4}{3}$)

@ Rs 9299=89 - B 27899=0 ✓

(38/22) Producing & fixing

600mm board - do

- 81

4ND VFB ($\frac{P}{13}$ at $\frac{42}{20}$)

@ Rs 3418=89 - B 13672=0 ✓

(39/23) Producing & fixing

600x450 mm rectangular

board - do - do - 81

4ND VFB ($\frac{P}{15}$ at $\frac{43}{20}$)

@ Rs 4927=89 - B 19910=0 ✓

(40/24) Producing & laying at

not applied thermoplastic

Compound - do - do - 81

103.84 M VFB ($\frac{P}{15}$ at $\frac{19}{20}$)

@ Rs 735=89 - B 76915=0 ✓

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
41/25) Providing at 3 laying not applied thermoplastic compound → do → do → do					
20 m ² VFB ($\frac{P}{15}$ at $\frac{15}{25}$)					
① P 870 = 13 → B 17403 ~ 0					
42/6) construction sub grade 3 earth shoulder → do → do → E/C					
1644.61 + 664.61 M ² VFB ($\frac{P}{15}$ at $\frac{46}{6}$)					
① P 176 = 61 → B 29403 ~ 0 290504 ~ 0					
43/4) construction of Emb with approved materials 100mtr Lead → do → do → E/C					
699.93 M ² VFB ($\frac{P}{15}$ at $\frac{47}{4}$)					
① P 192 = 03 → B 134408 ~ 0					
44/5) construction of Emb with approved materials 100 mtr seal → do → do → do					
1633.17 M ² VFB ($\frac{P}{15}$ at $\frac{47}{5}$)					
① P 154 = 58 → B 252455 = 0 50493192 = 00 5089659 ~ 0					

Motors started

$$E142 = 397271 \text{ m}^3$$

step - 919 m³

$$\text{standard} = 381.45 \text{ m}^3$$

$$\text{Local Sat} = 78.2 \text{ m}^3$$

 S. D. Johnson
16/2/22
PE

Continuation