

ASHOKA ROAD MILLS PVT LTD.

Agalo

06 (S.D.) 2020-21

PMGSY ROAD CHUNKATARI MISHIR TOLA TO

CHUNGAN GADI TOLA

Schedule XIV-Form No. 134

Head-MNH54 (S)

R.W. P Jammai

DIVISION

R.W.D. Kharra

SUB-DIVISION

MEASUREMENT BOOK

M.B. No-2755

2nd on AIC bill

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W:- PM GSY Road chunkatori					
Mishir Tola TO chauran gadi Tola					
Agency:- Ashok and co. Niwas					
PVT LTD vill- Kewal PS- Gidhauri					
Dist- Jamun					
Agreement No:- 06 (SBO)/2020-21					
Date of commencement:- 22-06-2020					
Date of completion:- 21-06-2021					
Measurement					

① providing laying spreading and compacting stone aggregate (W B M Gr-3)

B T portion

$$1 \times 30 \times \frac{3.75 + 4.375}{2} \times 0.075 = 9.140 \text{ m}^3$$

$$3 \times 30 \times 3.75 \times 0.075 = 25.313 \text{ m}^3$$

$$2 \times 30 \times 3.75 \times 0.075 = 16.875 \text{ m}^3$$

$$1 \times 30 \times \frac{3.75 + 4.375}{2} \times 0.075 = 9.140 \text{ m}^3$$

$$3 \times 30 \times 3.75 \times 0.075 = 25.313 \text{ m}^3$$

$$2 \times 30 \times 3.75 \times 0.075 = 16.875 \text{ m}^3$$

$$4 \times 30 \times 3.75 \times 0.075 = 33.75 \text{ m}^3$$

$$1 \times 20 \times 3.75 \times 0.075 = 5.625 \text{ m}^3$$

$$9 + 4 = 142.031 \text{ m}^3$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
② providing laying Spreading and compacting W.B.M Gr-3 cc portion					
3x 30.00 x 3.75 x 0.075 =					25.313 m ³
2x 30.00 x 3.75 x 0.075 =					16.875 m ³
1x 30.00 x 3.75 + 4.5 x 0.075 =					9.281
		2			
4x 30.00 x 3.75 x 0.075 =					33.75 m ³
3x 30.00 x 3.75 x 0.075 =					25.313 m ³
3x 30.00 x 3.75 x 0.075 =					25.313 m ³
1x 30.00 x 3.75 + 4.5 x 0.075 =					9.281 m ³
		2			
2x 30.00 x 3.75 x 0.075 =					16.875 m ³
3x 30.00 x 3.75 x 0.075 =					25.313 m ³
3x 30.00 x 3.75 x 0.075 =					25.313 m ³
1x 30.00 x 3.75 + 4.5 x 0.075 =					9.281 m ³
		2			
4x 30.00 x 3.75 x 0.075 =					33.75 m ³
				Qty = 2	55.658 m ³
③ providing and applying primer coat with (55-1)					
1x 30 x 3.75 + 4.5 x 0.075 =					9.140 m ³
		2			
3x 30 x 3.75 x 0.075 =					25.313 m ³
2x 30 x 3.75 x 0.075 =					16.875 m ³
3x 30 x 3.75 x 0.075 =					25.313 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) providing laying and rolling of close-graded premix surfacing					
1 x 30.00 x 3.75 + 4.375					121.875 m ²
		2			
3 x 30.00 x 3.75					337.5 m ²
2 x 30.00 x 3.75					225.00 m ²
1 x 30.00 x 3.75 + 4.375					121.875 m ²
			2		
3 x 30.00 x 3.75					337.5 m ²
2 x 30.00 x 3.75					225.00 m ²
4 x 30.00 x 3.75					450.00 m ²

20/5/2024
~~20/5/2024~~
 J.E
 84y = 1893.75 m²

(6) construction of un-reinforced plain cement					
do-do all complete job.					
3 x 30.00 x 3.75 x 0.160					54.00 m ³
2 x 30.00 x 3.75 x 0.160					36.00 m ³
1 x 30.00 x 3.75 + 4.5 x 0.160					19.8 m ³
		2			
4 x 30.00 x 3.75 x 0.160					72.00 m ³
3 x 30.00 x 3.75 x 0.160					54.00 m ³
3 x 30.00 x 3.75 x 0.160					54.00 m ³
1 x 30.00 x 3.75 + 4.5 x 0.160					19.8 m ³
		2			

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 X 30.00 X	3.75	X 0.160 =			36.00 m ³
3 X 30.00 X	3.75	X 0.160 =			54.00 m ³
3 X 30.00 X	3.75	X 0.160 =			54.00 m ³
1 X 30.00 X	3.75 + 4.5	X 0.160 =			19.8 m ³
	2				
4 X 30.00 X	3.75	X 0.160 =			72.00 m ³
				Qty =	545.40 m ³
30/5/2024					
30/5/2024					
J.E.					

⑦ laying brick soling
layer on prepared
sub grade with brick

do-do all complete job.

1 X 2 X 30.00 X	0.500 =	30.00 m ²
2 X 4 X 30.00 X	0.500 =	120.00 m ²
2 X 3 X 30.00 X	0.500 =	90.00 m ²
2 X 5 X 30.00 X	0.500 =	150.00 m ²
2 X 5 X 30.00 X	0.500 =	150.00 m ²
2 X 4 X 30.00 X	0.500 =	120.00 m ²
2 X 4 X 30.00 X	0.500 =	120.00 m ²
2 X 4 X 30.00 X	0.500 =	120.00 m ²
	Qty =	900.00 m ²

⑧ providing and fixing
of typical mm GSY information
sign board with logo

do-do all complete job — 2.00 No.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) providing and laying of hot applied thermoblastic					
do-do all complete job.					
BT portion					
2x4	x 30.00	x 0.100	=	24.00 m ²	
2x5	x 30.00	x 0.100	=	30.00 m ²	
2x3	x 30.00	x 0.100	=	18.00 m ²	
2x4	x 30.00	x 0.100	=	24.00 m ²	
2x1	x 20.00	x 0.100	=	4.00 m ²	
(A) qty = 100.00 m ²					
CC portion					
2x3	x 30.00	x 0.100	=	18.00 m ²	
2x4	x 30.00	x 0.100	=	24.00 m ²	
2x5	x 30.00	x 0.100	=	30.00 m ²	
2x3	x 30.00	x 0.100	=	18.00 m ²	
2x5	x 30.00	x 0.100	=	30.00 m ²	
2x6	x 30.00	x 0.100	=	36.00 m ²	
2x4	x 30.00	x 0.100	=	24.00 m ²	
(B) qty = 280.00 m ²					
(10) Construction of Subgrade and earthen shoulders.					
do-do all complete job.					
B.T portion					
Earthen shoulder					
(Sides of GSB)					
2x1	x 30.00	x 1.480	x 0.200	=	17.76 m ³
2x1	x 30.00	x 1.470	x 0.200	=	17.64 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
less for Hard shoulder and Box cutting for proposed Pce Road.					
$1178.524 \text{ m}^3 - 112.500 \text{ m}^3 =$					1066.024 m^3
(11) Km Stone do-do					
all complete job —					2.00 No.
(12) 200m stone do-do					
all complete job —					6.00 No.
(13) 600mm equilateral and triangle do-do					
all complete job —					6.00 No.
(14) 600mm circular do-do all complete job —					4.00 No.
(15) 800mm x 600mm rectangular do-do complete —					6.00 No.
(16) 600mm x 450mm rectangle do-do all complete —					4.00 No.
(17) Boundary pillar do-do all complete job —					8.00 No.
(18) providing direction and place identification Signs do-do all complete —					6.00 No.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(19) construction of Embankment					
do-do all comp. etc.					
	As per graph				
S.No.	Ch	Area	Mean Area	Distance	Volume
1	0	2.46	—	000	—
2	100	4.6	3.53	100	353.0
3	200	3.86	4.23	100	423.0.
4	300	3.3	3.58	100	358.0
5	400	2.98	3.14	100	314.0
6	500	2.63	2.807	100	280.700
7	600	3.52	3.077	100	307.700
8	700	3.39	3.455	100	345.500
9	800	2.77	3.08	100	308.0
10	900	2.59	2.68	100	268.00
11	1000	2.84	2.715	100	271.500
12	1100	3.36	3.1	100	310.0
13	1200	3.61	3.485	100	348.500
14	1300	4.28	3.945	100	394.500
15	1400	3.35	3.815	100	381.500
16			Qty = 466		3.900 m ³
17 Deduction					
			Per Qty = 545.40		m ³
W. B.M Gr-3			Qty = 255.658		m ³
Gr. S.B Gr-1			Qty = 749.846		m ³
Subgrade and shoulder			Qty = 2236.074		m ³
			Qty = 876.922		m ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Ab stract of cost				
(1/1) providing and fixing of working benchmark pillar.					
do do all compk job					
Qty vide itm			No- 1		
P.No-7 T.M. B=1.4 km					
@ 32719=020/km				Rs	45807=w
(2/2) clearing and grubbing Road land do-do all compk					
Qty vide itm			No- 2		
P.No-7 T.M.B=0.49 Ht					
@ 51133=760/Ht				Rs	25056=w
(39/4) Construction of Embankment with material obtained from barrow pits do-do all compk job for 1000 m lead					
Qty vide itm			No- 19a		
P.No-25 T.M.B=26 3.07 m ³					
@ 175=220/m ³				Rs	46095=w
(31/5) Construction of Embankment with material obtained from barrow pits do-do all compk job for 1000 m lead					
Qty vide itm			No- 19b		
P.No-25 T.M.B=6 13.8 4 m ³					
@ 135=12/m ³				Rs	2943=w

Continuation

↪ Rs 199901=w

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		Rf		R8 7	133182w
7/13 construction of G.S.B Gr-1					
do-do all complete job					
Qty vide item No- 7					
P.No-8 T.M B = 749.846m ³					
@ 1592 = 907/m ³				R8	1194430EW
3/1 Earth work in excavation					
of structure do-do all complete					
Qty vide item No- 8					
P.No-8 T.M B = 29.748m ³					
@ 2942780/m ³				R8	87822w
9/32 providing M15 (P.C.K. 2535)					
as leveling course into					
do-do all complete job					
Qty vide item No- 9					
P.No-8 T.M B = 4.595m ³					
@ 4845 = 520/m ³				R8	222652w
10/33 plain / Reinforced cement					
concrete (m-w) do-do all					
Qty vide item No- 10					
P.No-8 T.M B = 35.711m ³					
@ 5983 = 680/m ³				R8	2156832w
11/34 providing and laying R.C					
pipe Wp-3 for clearance.					
Qty vide item No- 11					
P.No-8 T.M B = 7.50m					
@ 3392 = 120/m				R8	254412w

Continuation

R8 21779192w

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		8f		R8 7	868291 = w
providing and laying of hot applied thermoplastic					
Road marking on RT					
do-do all complete job					
Qty wide itm			No-	94	
P.No-18	T.M	R =	100.	wm ²	
@ 735 = 440/m ²				R8	73544 = w
providing and laying of hot applied thermoplastic					
Road marking on ce					
do-do all complete job					
Qty wide itm			No-	93	
P.No-18	T.M.R	=	180.	wm ²	
@ 835.340/m ²				R8	1503612w
21/18 km stone do-do all					
complete job					
Qty wide itm			No-	11	
P.No-23	T.M.R	=	2.	w wo.	
@ 2095 = 680/no.				R8	41912w
22/19 200m stone do-do all					
complete job					
Qty wide itm			No-	12	
P.No-23	T.M	R =	6.	w wo.	
@ 600 = 9w/no.				R8	3605 = w

Continuation

R8 8099992 = w

8033419 = w

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		BF—		R8 8	20110520
(28) direction		place identical			
(29) retro reflectorised signs					
do-do all complete job					
qty vide itr			No- 18		
P.No-23 T.M		R & B w No.			
@ 11556 = 240 /	No.			R8 6	993720
		Total		R8 8	27104220
		Gst 12%		R8 9	9252520
	labour	Cen	1%.	R8 8	271020
		Total		R8 9	34627720
		below 10%		R8 9	3462820
				R8 8	41164920
	provid	Payment		R8 6	2035020
Cand		Total		R8 7	79129920
by 18/8/21		Sig			
		15/6/21			
		Nr			
				AJK-	
				17/06/21	
				AE	