

મામલો (Sec)

મ.બ.વો-3184

Schedule XLY-Form No. 134

મ.બ.વો-3184

મ.બ.વો-3184

મ.બ.વો-3184

મ.બ.વો-3184

MEASUREMENT BOOK

મ.બ.વો-3184

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W — Bhakhura Khitti Shivgani					
pmby Sadak se Bangra Islan					
Miya ke Tola Tak					
Length: — 1.275 km					
Agency: — Sri Dhirendra Singh					
Agreement No: — 33 SBD/2019-20					
Date of start: — 06/08/2019					
Date of Completion: — 05/08/2020					
Date of Actual Completion: — 03.08.2020					
Date of entry: — 03/08/2020					

Work done					
① Const. of curbs by p/v course					
grading Material — E/P					
Add for Curve					
$\frac{1 \times 20.00 \times \left(\frac{5.90 + 4.05}{2} - 3.75 \right) \times 0.20}{2} = 3.70 \text{ cum}$					
$\frac{1 \times 15 \times \left(\frac{5.10 + 3.75}{2} - 3.75 \right) \times 0.200}{2} = 1.58 \text{ "}$					
					5.28 cum
② p/v Laying, spreading and comping					
stone aggregates — E/P					
$1 \times 20.00 \times \left(\frac{5.90 + 3.75}{2} - 3.75 \right) \times 0.075 = 1.60 \text{ cum}$					
$1 \times 15.00 \times \left(\frac{5.10 + 3.75}{2} - 3.75 \right) \times 0.075 = 0.76 \text{ "}$					
					2.36 cum
③ p/v and applying primer coat					
with SS-1 — E/P					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x20.00 x 5.90 + 3.75					96.50 sqm
7x4x25.00 x 3.75					2625.00 "
1x25.00 x 3.75					93.75 "
1x15.00 x 3.75					56.25 "
1x15.00 x 3.75 + 5.10					66.38 "
					2937.88 sqm
				Limit	2935.31 sqm
(4) p/v and applying Tick Coat					
with RS-1 — — — E/f					
C. Same Qty as per					
(4) Item (3) page-25					2935.31 sqm
(5) p/v laying and rolling of close graded premix					
surfacing — — — E/f					
Same Qty as per					
(4) Item (3) page-25					2935.31 sqm
(6) Laying brick solar layer					
on prepared subgrade E/f					
2x5x4x25.00 x 0.250					250.00 sqm
(7) KTM Stone					
		Qty			02 Nos.
(8) 200mm Stone					
		Qty			05 Nos.
(9) Boundary pillar					
		Qty			60 Nos.
(10) 600mm Circular					
		Qty			08 Nos.
(11) 900mm Equilateral Triangle					
		Qty			04 Nos.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) 600mm x 450mm rectangular					
Qty					04 Nos.
(13) p/v and laying of 1st applied thermoplastic compound 2.5mm thick					
2x7x4x25.w x 0.100					140.00 sqm
2x3x25.w x 0.100					15.00 "
					155.00 sqm
(14) p/v and laying of 2nd applied thermoplastic compound 2.5mm					
2x5x4x25.w x 0.100					100.00 sqm
(15) direction sign board					
Qty					01 Nos.

(16) p/v and fixing of 1st					
MMHSY Informatory sign board					
Qty					03 Nos.
Partwork Btg sheet					
SL. No.	Chainage	Area	Mean Distance	Volume	
		Area			
1	0	2.979			
2	50	3.019	2.999	50.00	149.950
3	100	3.238	3.129	50.00	156.425
4	150	2.872	3.055	50.00	152.750
5	200	2.461	2.637	50.00	131.825
6	250	2.767	2.584	50.00	129.200
7	300	2.855	2.811	50.00	140.550

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8.	350	3.038	2.947	50.00	147.315
9.	400	2.632	2.835	50.00	141.750
10.	450	3.270	2.957	50.00	147.550
11.	500	2.367	2.819	50.00	140.925
12.	550	2.829	2.598	50.00	129.900
13.	600	2.358	2.594	50.00	129.675
14.	650	2.564	2.461	50.00	123.050
15.	700	3.033	2.799	50.00	139.925
16.	750	2.780	2.907	50.00	145.315
17.	800	2.684	2.732	50.00	136.600
18.	850	2.823	2.757	50.00	137.675
19.	900	2.891	2.857	50.00	142.850
20.	950	2.231	2.561	50.00	128.050
21.	1000	2.800	2.516	50.00	125.775
22.	1050	2.923	2.862	50.00	143.075
23.	1100	2.839 2.739	2.881	50.00	144.050
24.	1150	2.577	2.708	50.00	135.400
25.	1200	2.352	2.465	50.00	123.225
26.	1250	2.859	2.606	50.00	130.275
27.	1275	2.603	2.731	50.00	68.275
Earthwork Qty with crest -					3521.38 cum
Crest USB (G)					470.99
WBM Gr. 3					362.18
PCC - (F)					303.00
Total E/W Qty -					2385.21 cum
(17) Const of Embankment					
----- E/W					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17) Lead up to 100m					
		Qty			744.52 cu
(18) Lead up to 100m					829.56 cum
					829.56
(18) Const. of sub grade				2/1	811.13
		Qty			824.13 cum
Work has been completed as per ^{estimate} specification and site conditions.					
Measurement accepted.					
By order of B.I.					
3/8/20					
J.E.					
Ticked item checked & initialed					
By order of B.I.					
3/8/20					

over all material statement

(i) Earthwork				2385.21 Cum
(ii) Stone metal				890.64 cum
(iii) Stone chips				352.00 cum
(iv) Sgnal				202.68 cum
(v) Stone screening				86.97 cum
(vi) Cement				130.95 MT
(vii) Bricks				30605 Nos.
(viii) SS-1				2.495 MT
(ix) RS-1				0.804 MT
(x) S-90				5.557 MT
(i) SS-1				SS-1 and RS-1
				invoice no.
Qty	2.600	1.000	7.644	5213/00776
				Date 25.06.2020
Consumption	2.495	0.804	5.557	S-90 ^{Tax} invoice no.
				DLH 5520042712

Balance 0.105 MT Continuation 0.196 MT 2.087 MT

Date 03.06.2020

By order of B.I.
03/08/20

ABSTRACT OF COST

Sch. XLV—Form No. 134

29

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① setting out of bench mark					
01 No. vide MB p-1					Rs 3858 = 00
@ Rs 3858 = 43/lead					
② setting of Reference pillar					
05 Nos vide MB p-1					
@ Rs 1775 = 65/each					Rs 8878 = 00
③ clearing and grubbing Road Land					
0.89 Hec vide MB p-1					
@ Rs 49174 = 86/hect					Rs 43766 = 00
④ Box-cutting of existing Road					
118.88 cum vide MB p-1					
@ Rs 75 = 43/cum					Rs 8967 = 00
⑤ Const. of Embankment					
(i) Lead up to 1000m					
744.52 cum vide MB p-28					
@ Rs 179 = 38/cum					Rs 133552 = 00
(ii) Lead up to 100 m					
819.56 cum vide MB p-28					
@ Rs 150 = 70/cum					Rs 122934 = 00
⑥ Const. of subgrade					
811.13 cum vide MB p-28					
@ Rs 222 = 44/cum					Rs 182734 = 00
⑦ Const. of WSD by p/v					
Coarse grading - Material					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
468.88 cum vide MB p-21					
5.28 cum vide MB p-24					
474.16 cum					
470.99					
Limit 468.88 cum					
@ Rs 2957 = 33/cum					Rs 1392873 = 0
(8) p/v Laying, spreading and					
Compacting stone aggregates - eff.					
360.03 cum vide MB p-21					
2.36 cum vide MB p-24					
362.39 cum					
Limit 362.18 cum					
@ Rs 4249 = 05/cum					Rs 1529785 = 00
(9) p/v and applying primer					
Coat with SS-1 - - - eff.					
2935.31 sym vide MB p-25					
@ Rs 48270/sym					Rs 142950 = 00
(10) p/v and applying tack coat					
With RS-1 - - - eff.					
2935.31 sym vide MB p-25					
@ Rs 16229/sym					Rs 47816 = 00
(11) p/v Laying and rolling					
of close-graded premix					
surfacing - - - eff.					
2935.31 sym vide MB p-25					
@ Rs 249297/sym					Rs 733739 = 00
(12) Const. of un-reinforced plain					
Cement concrete Pavement - - - eff.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
303.00 cum vide MB page-21					
@ Rs 8017 = 11/cum					Rs 2429184 = 00
(13) Earthwork in excavation --- eff					
59.60 cum vide MB p-2					
@ Rs 258 = 89/cum					Rs 154302 = 00
(14) p.v. m/s (1:2.5:5) as leveling					
coarse in foundation --- eff					
51.92 cum vide MB p-2					
@ Rs 5624 = 92/cum					Rs 33300 = 00
(15) Brick Masonry work in					
cm (1:4) in H.W					
61.21 cum vide MB p-3					
@ Rs 5902 = 79/cum					Rs 359068 = 00
(16) p.v. and laying RCC pipe					
1P-3 for culvert					
15.10 m vide MB p-3					
@ Rs 4107 = 21/m					Rs 61608 = 00
(17) plastering with cm (1:4)					
on brick work					
133.70 sqm vide MB p-3					
@ Rs 162 = 52/sqm					Rs 217292 = 00
(18) Building for 1.5 mm cement					
putting --- eff					
28.44 sqm vide MB p-3					
@ Rs 48 = 45/sqm					Rs 13798 = 00
(19) painting two coats on					
red concrete surface --- eff					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
232.97 sqm vide MB p-3					
@ Rs 108=50/sqm					Rs 25223.20
(20) Laying brick soling layer					
on prepared subgrade with brick					
250.00 sqm vide MB p-25					
@ Rs 477.22/sqm					Rs 119318.20
(21) Kms stone					
02 Nos vide MB p-25					
@ Rs 2335=76/each					Rs 4652.00
(22) 200 mm stone					
05 Nos vide MB p-25					
@ Rs 652=82/each					Rs 3264.00
(23) Random rubble piling					
60 Nos vide MB p-25					
@ Rs 519=13/each					Rs 31148.00
(24) 600mm circular					
08 Nos vide MB page-25					
@ Rs 5650=13/each					Rs 45201.00
(25) 900mm equilateral Triangle					
04 Nos vide MB page-25					
@ Rs 6295=06/each					Rs 25180.00
(26) 600mm x 450mm rectangular					
04 Nos vide MB page-26					
@ Rs 5495=00/each					Rs 21980.00
(27) P.V. and Laying of hot applied					
thermo plastic compound 2.5mm					
155.00 sqm vide MB p-26					
@ Rs 924=59/sqm					Rs 143311.00

Continuation

Continuation