

परमस्य सं

पर. B. NO-3185

परमस्य सं. 134

Schedule XLV-Form No. 134

पर. NO-3185/2019-20

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SUB-DIVISION

पर. NO-3185

MEASUREMENT BOOK

पर. B. NO-3185

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4th and 5th					
Name of work:-					
Const ⁿ of road					
from Kamata Bazar					
Rajawalli P.M. G.S. & H.					
Hakipad to Siballi					
Ranjit of the K. H.					
Aggr. 1st - m/s M.G.					
Const ⁿ					
Aggr. No. 1 - 37 mm G.S.					
					19-20
Aggr. Value - 21.478937					
Date of start - 06-08-19					
Completion dt - 05-8-20					
Actual completion dt					
08.12.20					
Length - 2250 m.					
B.T. - 1150 m.					
Rigid - 1100 m.					
①/8 Const ⁿ of					
G.S. by P/V					
well graded					
materials - Aggr.					
C - $2 \times 250 \times .60 + 60 \times .100$					
					$= 0.310 m^3$
					$+ 0.255 m^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
②/9 N.B.M. Ghat					
14 p/n. Laying, setting and compacting					
ELF					
A-1	1	25.0	6.50	3.25	$0.25 = 9609$
	4	25.0	3.75	3.00	$0.25 = 28.125$
	1	25.0	4.75	3.25	$0.25 = 7.968$
	4	25.0	3.75	3.00	$0.25 = 28.125$
	1	25.0	4.90	3.25	$0.25 = 8.109$
	4	25.0	3.75	3.00	$0.25 = 28.125$
	1	25.0	4.90	3.25	$0.25 = 8.109$
	4	25.0	3.75	3.00	$0.25 = 28.125$
	1	25.0	4.90	3.25	$0.25 = 8.109$
	8	25.0	3.75	3.00	$0.25 = 56.25$
	1	25.0	4.90	3.25	$0.25 = 8.109$
	4	25.0	3.75	3.00	$0.25 = 28.125$
	1	25.0	4.90	3.25	$0.25 = 8.109$
	3	25.0	3.75	3.00	$0.25 = 21.093$
					$T = 276.090$
					m ³
③/10 same work as p/n					
and applying same					
coat with Bitumen					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 mm thick RS,					
ELF					
A—	1	25.0	6.50	3.25	= 128.125
	4	25.0	3.75		= 375.0
Tack coat	1	25.0	4.90	3.25	= 108.125
25.0	4	25.0	3.75		= 375.0
AE	1	25.0	4.90	3.25	= 108.125
B.T	4	25.0	3.75		= 375.0
91	1	25.0	4.90	3.25	= 108.125
150	4	25.0	3.75		= 375.0
length	1	25.0	4.90	3.25	= 108.125
	8	25.0	3.75		= 750.0
	1	25.0	4.90	3.25	= 108.125
	4	25.0	3.75		= 375.0
	1	25.0	4.90	3.25	= 108.125
	3	25.0	3.75		= 281.25
	8	25.0	3.75		= 750.0
					T = 4431.25
11 to 4398.75 m ²					m ²
(4) 11 p/v and applying					
tack coat with					
bitumen emulsion					
RS, — — — — —					ELF
4398.75 m ² same as (3) 110.0 m ²					
(5) 12 p/v, laying					
and rolling premix					
surface material					
at 20 mm thick					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
m't b. Comp. pack					
13.2 m to 0.9 m					
Type B — — — — —					
4398.75 m 2 at 1900					
Item NO. ④ 11 P.N. 35					
⑥/7 Contd. of ④					
gravel and earth					
shoulder — — — — —					
$2 \times 20 \times 25.0 \times 625 \times 160 = 100.0$					
$2 \times 20 \times 25.0 \times 625 \times 160 = 100.0$					
$2 \times 4 \times 25.0 \times 625 \times 160 = 20.0$					
					$T = 220.0 \text{ m}^3$
					①
$2 \times 20 \times 25.0 \times 375 \times 125 = 46.875$					
$2 \times 20 \times 25.0 \times 375 \times 125 = 46.875$					
$2 \times 4 \times 25.0 \times 375 \times 125 = 9.375$					
					$T = 103.13 \text{ m}^3$
					(17)
Add ① + ④					
$= 323.13 \text{ m}^3$					
⑦/16 Laying back					
soil on prepared					
embankment — — — — —					
$2 \times 20 \times 25.0 \times 375 = 375.0$					
$2 \times 20 \times 25.0 \times 375 = 375.0$					
$2 \times 4 \times 25.0 \times 375 = 75.0$					
					$T = 825.0 \text{ m}^3$

Continuation

P. T — 0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑧/17 Kilometre stone					
4 3 2					El 1
⑨/18 2 m stone					
12 N 2					
⑩/19 Boundary pillar					
60 m N 2					El 1
⑪/20 p/v and footy or Retard reflector					
Cantharus					El 1
12 N 2					
⑫/21 9 m m equilateral and triangle					
(Left, Right Curve)					
6 N 2					
⑬/22 6 m m x 4 m m rectangular					
(School, place)					El 1
6 N 2					

Continuation

P.T.O

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14)/23 P/V and laying of hot applied thermoplastic					
As per drawing					
B.T. 2 x 1150.00 x 100 = 230.00					m ²
(15)/24 P/V and laying of hot applied thermoplastic					
As per drawing					
2 x 1100.00 x 100 = 220.00					m ²
(16)/25 P/V and laying of a reinforced cement concrete					
30 mm B — E/H					
12 x 750 mm = 90.00					m ²
(17)/26 P/V and erecting direction and place identification					
1 NO.					

Continuation

P.T.O

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(18) 27. P/V and fixing 1000 of M. M 65.4 project — EIT END.					
(19) 34 painting two coats on wall Area 50 — EIT 232.48 m ²					
(20) 35 B/W 1/4 C.M (1.23) in plaster — EIT 2 x 6.50 x 60 x 40 = 3.12 for 200 — 6.24 m ²					
(21) 36 P/V P.C.C. work in G.B. of 100 ft ² W/H — EIT 2 x 6.50 = 13.00 for 200 — 26.00					
(22) 37 plastering with C.M (1/4) on B/W — 4 x 6.50 x 60 = 15.60 2 x 6.50 x 40 = 5.20					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		4 x 40 x 60			50.960
					T = 21.760
					m ²
		for 200			43.52 m ²

(23) 15 0.45 x 8
 16 20.5 x 4 x 10
 measured on the
 graph — 15.5

S.L. No.	Ch	Area	Mean Area	Dist	Volume
1	0	1.273	—	—	—
2	50	1.823	1.451	50	72.525
3	100	2.068	1.848	50	92.410
4	150	1.772	1.920	50	96.000
5	200	2.122	1.947	50	97.350
6	250	4.829	3.476	50	173.775
7	300	5.054	4.942	50	247.075
8	350	5.818	5.455	50	272.750
9	400	6.239	6.048	50	302.325
10	450	6.261	6.250	50	312.500
11	500	7.697	6.979	50	348.950
12	550	6.468	7.083	50	354.125
13	600	6.621	6.545	50	327.225
14	650	6.459	6.540	50	327.000
15	700	6.395	6.427	50	321.550
16	750	6.054	6.225	50	311.225
17	800	4.919	5.487	50	274.325
18	850	6.270	5.595	50	279.725

Continuation

P.T →

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
19	900	6.558	6.414	50	320.70
20	950	5.844	6.201	50	310.050
21	1000	5.930	5.887	50	294.350
22	1050	6.004	5.967	50	298.350
23	1100	7.137	6.571	50	328.525
24	1150	6.029	6.583	50	329.150
25	1200	5.422	5.726	50	286.275
26	1250	5.366	4.594	50	219.70
27	1300	5.562	4.464	50	223.20
28	1350	2.449	4.006	50	200.275
29	1400	2.857	2.653	50	152.650
30	1450	2.552	2.705	50	135.225
31	1500	3.143	2.818	50	142.375
32	1550	2.493	2.818	50	140.90
33	1600	2.888	2.691	50	134.525
34	1650	2.668	2.778	50	138.90
35	1700	3.208	2.938	50	146.90
36	1750	2.888	3.048	50	152.40
37	1800	2.658	2.773	50	138.650
38	1850	2.766	2.712	50	135.60
39	1900	2.349	2.558	50	127.825
40	1950	2.432	2.391	50	119.525
41	2000	2.708	2.570	50	128.500
42	2050	2.732	2.720	50	136.100
43	2100	2.302	2.517	50	125.850
44	2150	2.726	2.514	50	125.700
45	2200	3.019	2.873	50	143.625

Continuation

B-T-0

Continuation

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT DE 10/8/					
✓ T.M.B.P 1/10/4					
(1)/1. S.H. of 1st					
pillar ——— E.H.					
3 No. P.N.-26					
② 3979.82/N					
————— 11,939/					
(2)/2. Refectory pillar					
————— E.H.					
12 No. P.N.-26					
② 1823.69/N					
————— 21,884/					
(3)/5. Clearing and grubbing road					
road ——— E.H.					
2-07 H.L. P.N.-26					
① 101.58 H.L.					
② 50,148.62/H.L.					
————— 79,235/					
④/4. E.H. in exc.					
notion for road					
1194 ——— E.H.					
203.21/7 P.N.-26					
② 75.43/17					
————— 15,331/					

Continuation

T-0.1,28,389

P-T-0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤/5 Const & sub.					
for 100 m bed					
790.00 m ³ P.N-27					
② 155.25/m ³					
					1,22,632/
for 10 m bed					
2000.00 m ³ P.N-27					
② 130.88/m ³					
					2,61,760/
⑥/7 Const & sub.					
grade and					
earthwork					
					ELI
1092.63 m ³ P.N-27					
+ 323.13 m ³ P.N-36					
1415.76 m ³					
④ 1414.76 m ³					
② 125.94/m ³					
					2,77,208/
⑦/8 Const & sub					
by p/v wall graded					
material - ELI					
750.205 m ³ P.N-27					
+ 0.255 m ³ P.N-37					
750.46 m ³					
② 2865.36/m ³					
					2,15,033/

Continuation

T-29,40,317/

P.T.O

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑧/14 H. B. M. GLEN-					
P/K. 1241g and					
Capacity - E/H					
371.81m ³ P.N-28					
276.090m ³ P.N-24					
647.88m ³					
1410645.47m ³					
② 4284.49/m ³					
					27.65510/
⑨/15 Const + 28 cond					
Coal processed					
M30 - E/H					
673.20m ³ P.N-28					
② 8006.68/m ³					
					53900%
⑩/28 E/H in exc.					
variation for E/H					
59.60m ³ P.N-28					
② 264.02/m ³					
					15.736/
⑪/29 P/K N15 P.A.C.					
(125.5) as					
leveling Comp					
- E/H					
5.92m ³ P.N-29					
② 5592.93/m ³					
					33,110/

Continuation

T- 01,11,44769

E n

P.T.O

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12)/30 B/F 1.0 C.M					
(1.24) to H/W					
					Exp
61.2400 ² P.N-29					
(0.5991.09/m ²)					
					0.366.775/
(13)/31 P/V and Gully					
N.D. H.D. 8					
10 m m m - Exp					
15.0 m P.N-29					
(0.4327.90/m ²)					
					0.64.915/
(14)/32 P/V and Gully					
3.7 C.M (1.550 m)					
B/W - Exp					
133.712 m ² P.N-29					
+ 43.52 m ² P.N-40					
177.232 m ²					
(0.166.23/m ²)					
					0.29.461/
(15)/33 P/V 1.5 m m					
O.P. 4 m m m - Exp					
28.44 m ² P.N-30					
(0.49.48/m ²)					
					0.1407/
(16)/34 painting and					
Coat of paint					
Surface - Exp					
232.48 m ² P.N-30					
(0.110.65/m ²) 25.724/					

Continuation

T 0.116.33051/

P.T.O

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17)/28 P/R and filling 1090 sq m. 651 — ERI					
5 No. P.N-30					
78 No. P.N-39					
7 No. 20.9451.18/M					
					66,158/
(18)/10 P/R and P/R and applying P/R and 10x6 B.F. 10000 enclosure SS1 — ERI					
4398.75 m ² P.N-35					
20.49.59/m ²					
					2,18,134/
(19)/11 P/R and applying P/R and 10x6 B.F. 10000 enclosure RS1 — ERI					
4398.75 m ² P.N-35					
20.16.10/m ²					
					70,820/
(20)/12 P/R, laying, and B.F. 10000 enclosure 4398.75 m ² P.N-36					
20.24.12/m ²					
					10,73,823/

Continuation

T.B. 130,61,986

= 0

P.T.O

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(21)/16 Laying down 2x60 of Cap 100 Prepared surface E.H.					
825.00 m ² P.N-36					
② 488.66/m ²					
					4,03,969/
(22)/17 K/L 10 meters 1200 430 P.N-37					
② 2366.73/N					
					9467/
(23)/18 200m 1200 12 No. P.N-37					
② 667.32/N					
					8008/
(24)/19 1/2 m 5 grade boundary pillar E.H.					
60 No. P.N-37					
② 505.30/N					
					30,318/
(25)/20 P/V and fixing Retro reflecting Cant 10 m 1200 12 No. P.N-37					
② 5591.16/N					
					67,094/

Continuation

T-01,35,80,842/

P.T-0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(26)/22 9000 sqm/lot area (bpl. right, (mtr)) — EPT					
6 NO. P.N-37 (26) 6212.47/N					
— 0371275/					
(27)/22 60m x 450m rectangular (place, (cast)) — EPT					
6 NO. P.N-37 (27) 5441.14/N					
— 0326479/					
(28)/23 P/R and laying the hot applied thermoplastic — B.T. EPT					
230.00m ² P.N-38 (28) 942.89/m ²					
— 0211686/					
(29)/24 P/R and laying the hot applied thermoplastic in big size - EPT					
220.00m ² P.N-38 (29) 910.48.07/m ²					
— 0230575/					

Continuation

T- B.F-40, 98, 204

P.T.O

Sch. XLV—Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
(30) 25 p/v and lifting of ground level Pipe 300mm dia - E1					
30.2 m P.N - 38					
Q. 880.74/m					
					Q. 79,267/
(31) 26 p/v and erecting of direction and plate identification - E1					
1 NO. P.N - 38					
Q. 3488.67/m					
					Q. 3479/
(32) 35 B.P. 10 cm					
C.I. 3.75 dia pipe for wall					
					E1
6.24 m P.N - 39					
Q. 6467.77/m					
					Q. 40371/
(33) 36 p/v P.C.C. m20 in lifting					
					E1
26.10 m P.N - 39					
Q. 425.79/m					
					Q. 11070/

Continuation

T-01,42,32,39/

P.T-0

= 0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(34) 5 Const's embankment					
for 100m bed					
1471.90 m ³ P.W-42					
(@ B 155.23 m ³)					
					2,28,483
for 100m bed					
1717.93 m ³					
(@ B 130.88 m ³)					
					2,24,843
					T-P. 1,46,857.17
less f. as per S.O.R					
					(-) 14,68,572
					T-B 1,32,17,145
less provisionally					
41' 9" 7					(-) 93,92,028
10/01/21					T-B 38,25,117
A.P. Bank					
					8.12.20

Continuation