

अन्तर्गत अनुसूचित जाति के निवास

M.B. No - 319 / 19.20

Schedule XLV Form No.-134

NDB

BIHAR P.W.D.

आरती ठिकुड़ा से सकलेश्वर गा.

आरती

DIVISION

पानपुरी

SUB-DIVISION

श्री ६२०९ अग्रिक १९७० ३९०

MEASUREMENT BOOK

BTH & upto 2000 sq ft

39

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Laying 1000 Cement concrete flat					
3 m x 25 m x 3 m to 16 = 45.00					
Curm 2 x 10 m x 5 m to 16 = 1.80					
Curm 1 x 25 m x 4 m to 16 = 1.80					
					7.48 = 81.96
② Laying 1000 concrete					
2 x 2 x 10 m to 5 m = 1000.00					
③ Road Marbles					
(i) Over B.T. 100 m					4.334 m
2 x 10 m x 10 m to 10 m = 200.00					
(ii) over C.C. flat					244.00
2 x 10 m x 10 m to 10 m = 200.00					
④ Boundary River - 23 m					
⑤ Supply & placing concrete					
9 m x 3 x 2.5 = 67.50 m					
⑥ Brs mantality of canal					
2 x 10 m x 3 m to 30 m = 18.00					
⑦ Removal of deep tyces of HP					
5 m x 2 m x 2 m to 10 m = 12.30 m					
⑧ 10 m x 2 m x 2 m to 10 m = 12.30 m					
Curm 2 x 2 m x 2 m to 10 m = 12.30 m					
W/4 = 2 x 4 m x 2 m to 10 m = 4.80					
W/4 = 2 x 2 m x 2 m to 10 m = 3.30					
2 x 10 m x 2 m to 10 m = 10.80					
					93.56

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) Midy Miss Rce					
Raff	1	2	10.4	2.5	$10.4 \times 2.5 = 25.0$
W/w	2	2	6	10.5	$2 \times 2 \times 6 \times 10.5 = 252$
W/w	2	4	2.10	1.6	$2 \times 4 \times 2.10 \times 1.6 = 27.6$
					10.469
(10) Midy Miss Rce					
Kerb	2	2	2	0.25	$2 \times 2 \times 2 \times 0.25 = 0.60$
W/w	4	2	2	1.45	$4 \times 2 \times 2 \times 1.45 = 23.2$
(11) M2w Rce					
	2	2	10.4	1.0	$2 \times 2 \times 10.4 \times 1.0 = 41.6$
(11) Miss Rce					
W/w	4	2	2	1.45	$4 \times 2 \times 2 \times 1.45 = 23.2$
curtain w/w	2	2	6	0.25	$2 \times 2 \times 6 \times 0.25 = 6.0$
(12) M2w Rce					
	4	4	2	2.5	$4 \times 4 \times 2 \times 2.5 = 160$
	2	2	10.6	0.3	$2 \times 2 \times 10.6 \times 0.3 = 12.72$
Raff	1	2	10.4	2.5	$1 \times 2 \times 10.4 \times 2.5 = 51.6$
					26.6
(14) Midy Miss Rce					
in slab	2	1	7.5	2.5	$2 \times 1 \times 7.5 \times 2.5 = 9.38$
Hunch	2	4	7.5	0.5	$2 \times 4 \times 7.5 \times 0.5 = 30$
Ends hunch	4	2	0.5	1.5	$4 \times 2 \times 0.5 \times 1.5 = 6$
					11.02
(15) Weep hunch	2	8			$2 \times 8 = 16$
(16) Back filling					
	2	2	2	0.5	$2 \times 2 \times 2 \times 0.5 = 4$
	2	2	2	0.4	$2 \times 2 \times 2 \times 0.4 = 3.2$
					7.52
(17) Cost of Reinforcement					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
12 mm ϕ					
Reft + Plant + Pl. clay					
Neon	2 x 2	8.2 m	16.20 m		2032.4
	2 x 2	11.5 m	11.5 m		576.4
Dist (Plant)					
	2 x 16	10. m			320.4
	2 x 2 x 16		20.40 m		1052.4
	2 x 20 m	10. m			400.4
	2 x 4 x 2	16 m	1.45 m		370.4
	2 x 5 x 4		4.40 m		176.4
					4726.4
					0.89 kg
					4206.4 kg
					4200.03
					4200.03
					4200.03
					4626.12 g
					4.428 MT
⑧ Plw in cutting & clay unit for road works					4.24 MT
⑨ Kilometre stn					296.25 w
⑤ ordinary kn- 5 kg					
⑤ 200 m stn - 19 kg					
①9 maintenance Band - 1 kg					
②0 Traffic sign					
⑤ 600 mm x 450 mm rectangular					
= 2 kg					
⑤ 900 mm x 450 mm octagon - 2 kg					
⑤ Cont ⁿ of road substructure					
Plw only as per L & C					
Calculation given above					

Continuation

Particulars	Details of actual measurement				Contents of area Volume
	No.	Length	Width	Height	
Chamize	-	5.112	-	-	-
0	-	5.990	5.551	50	277.550
50	-	6.747	6.369	50	318.425
100	-	8.648	7.698	50	384.825
150	-	9.289	8.959	50	447.925
200	-	10.680	9.925	50	498.725
250	-	8.629	9.655	50	482.725
300	-	6.937	7.783	50	389.150
350	-	9.830	7.884	50	394.125
400	-	8.379	8.615	50	430.225
450	-	1.521	8.950	50	447.500
500	-	9.550	9.536	50	478.725
550	-	9.757	9.654	50	482.625
600	-	10.312	10.035	50	501.725
650	-	9.764	10.038	50	501.900
700	-	9.462	9.613	50	480.650
750	-	8.626	9.044	50	452.200
800	-	8.761	8.694	50	434.625
850	-	8.612	8.667	50	434.325
900	-	6.229	7.421	50	371.025
950	-	8.993	7.611	50	380.550
1000	-	8.586	8.790	50	439.425
1050	-	8.933	8.766	50	437.925
1100	-	7.577	8.255	50	412.250
1150	-	7.886	7.732	50	396.500
1200	-	3.036	5.441	50	273.050
1250	-	3.128	3.082	50	154.100
1300	-	3.098	3.113	50	155.650
1350	-	1.458	2.278	50	113.900
1400	-	1.524	1.440	50	74.400
1450	-	1.378	1.400	50	22.925
1500	-	-	-	-	-

Particulars Change.	Details of actual measurement				Contents of area (volume)
	No.	Area	Area	Area	
1550	-	1.336	1.377	50	68.880
1600	-	1.329	1.353	50	62.00625
1650	-	1.474	1.402	50	70.075
1700	-	1.378	1.626	50	81.300
1750	-	3.150	2.452	50	123.200
1800	-	5.353	4.452	50	222.525
1850	-	2.842	4.300	50	215.000
1900	-	2.969	2.908	50	145.400
1950	-	2.857	2.913	50	145.650
2000	-	3.304	3.381	50	169.025
2050	-	5.602	4.756	50	237.775
2100	-	4.500	5.054	50	252.675
2150	-	1.647	3.099	50	154.925
2200	-	1.856	1.777	50	88.875
2250	-	1.432	1.644	50	82.200
2300	-	1.241	1.332	50	66.825
2350	-	3.328	2.285	50	114.225
2400	-	3.083	3.246	50	160.225
2450	-	3.130	3.107	50	155.325
2500	-	3.24	3.186	50	159.225
2550	-	3.173	3.207	50	160.350
2600	-	3.843	3.508	50	175.400
2650	-	4.035	3.939	50	196.950
2700	-	4.284	4.160	50	207.925
2750	-	4.293	4.291	50	214.625
2800	-	4.328	4.313	50	215.625
2850	-	4.296	4.312	50	215.600
2900	-	4.225	4.281	50	213.025
2950	-	4.682	4.454	50	222.625
3000	-	4.449	4.566	50	328.225
					2920.700

Particulars Chainsize	Details of actual measurement				Contents of area (sq. m)
	No.	Left chain	Right chain	Mean	
3050	-	4.225	4.337	50	216.850
3100	-	4.190	4.208	50	210.375
3150	-	4.034	4.132	50	206.600
3200	-	4.095	4.385	50	219.225
3250	-	3.027	3.861	50	193.050
3300	-	1.226	2.127	50	106.325
3350	-	1.308	1.267	50	63.350
3400	-	1.186	1.247	50	62.350
3450	-	1.417	1.302	50	65.075
3500	-	1.625	1.521	50	76.050
3550	-	1.458	1.542	50	77.025
3600	-	1.384	1.421	50	71.050
3650	-	1.292	1.338	50	66.900
3700	-	1.566	1.429	50	71.450
3750	-	1.414	1.440	50	74.500
3800	-	1.480	1.447	50	72.350
3850	-	5.262	3.371	50	168.550
3900	-	5.591	5.427	50	271.325
3950	-	5.788	5.690	50	284.425
4000	-	5.340	5.864	50	278.200
4051	-	5.367	5.354	50	267.625
4100	-	7.207	6.287	50	314.350
4150	-	1.335	4.271	50	213.550
4200	-	1.341	1.338	50	66.900
4250	-	1.657	1.449	50	74.950
4300	-	1.411	1.534	50	76.700
4350	-	1.546	1.479	50	73.925
4400	-	1.554	1.550	50	77.500
4450	-	1.033	1.464	50	73.175
4500	-	1.156	1.265	50	63.225
4550	-	1.367	1.262	50	63.075
4600	-	1.766	1.567	50	78.720

Particulars	Details of actual measurement			Contents of area
	No.	W	M	
Change				
4620	-	2-092	1-929	20
				20258-10m
				38-580
Deduction for Paving				20226-68
Less qty of 4.50 ft wide Paving				2153-20m
" " " 51 Mgrs for side Paving				1312-37
Less qty of 12.00 m wide Paving				930-0 m
" " " 39.14 m				819-6 m
Less qty of 12.00 m wide Paving				572-0 m
+ 1000 m to 12 m				120-0 m
Less qty of 12.00 m wide Paving				572-0 m
+ 1173.13 m x 0.020 m				223-46 m
Less qty.				Net Paving = 15417-10 m
E/w qty for 100 m (100 m x 10383-02 m)				10383-02 m
E/w qty for 100 m (100 m x 1595-92 m)				1595-92 m
Qty of subgrades				13438-8 m
(22) Painting two coats				6 + 6.20 m x 1.80 = 66-96 m
(23) Traffic sign				
(5) Green equilateral triangle - 5 NO				
(24) Typical Intermediate Box				
+ 2 NO				
Total				1122-92 m

Continuation

8th & upto 2nd of 134

ABSTRACT of work

46

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Bench mark for work 134th	241.620	0.85	20.99	100	16267 =
(2) Reference Pillar	241.620	0.85	20.99	100	7615 =
(3) Change of position of 100m	241.620	0.85	20.99	100	158835
(4) Cut of road embankment 100m	241.620	0.85	20.99	100	1237005
(5) Cut of subgrade & formation shoulder	241.620	0.85	20.99	100	223207 =
(6) Cut in cutting & filling	241.620	0.85	20.99	100	466480 =
(7) Providing cross B-80 I-17	241.620	0.85	20.99	100	10908 =
(8) Box cutting	241.620	0.85	20.99	100	35767 =
(9) Providing S/S	241.620	0.85	20.99	100	5186895
(10) Primer coat	241.620	0.85	20.99	100	542238
(11) Tack coat	241.620	0.85	20.99	100	181235 =

14453792 =
ce

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) Mix & spread concrete for side P35 i/c 11					144.53792
Area for side P35 i/c 11					212.21
11173.13 m ² @ 221.12/m					2470565
(13) Providing m3 no cement concrete put					
Qty for side P35 i/c 12 = 930.00					
" " " P35 i/c 10 = 81.96					
Total = 1011.96					
					7780.686
					7873732
(14) Laying of 150mm gully					
Area for side P35 i/c 2					
1000.00 @ 553.45/m					553450
(15) Burying Piller					
for side P35 i/c 13					
23 No @ 550.14/m					12653
(16) m m gully iron band					
for side P35 i/c 14					
3 No @ 13800.59/m					414012
(17) Supply & placing concrete for					
Qty for side P35 i/c 15					
67.50 m @ 1268.85/m					85647
(18) Maintenance Bump					
for side P41 i/c 19					
1 No @ 13800.59/m					13800
(19) kilometre stay					
for side P41 i/c 19					
(20) crossing for					
5 m @ 2543.99/m					127192
(21) 200 mm gully					
19 No @ 686.615/m					13045
(22) Traffic sign					
for side P41 i/c 20					
(23) 600 x 450 mm heading					
2 No @ 2141.034/m					14282
(24) 900 mm octagon					
2 No @ 13353.604/m					26715

Continuation

25521807

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(21) Painting two loads Area for side P. 45 i 4 22					1157312
1 66.96 m @ 129.27 l/m					8656 =
(22) Road marking for side P. 39 i 4 3					13042
(23) over RT Surface 1 590.0 m @ 829.0 l/m					489110 =
(24) over RT Surface 1 224 m @ 939.0 l/m					210336 =
(25) Dismantling of cement Masonry for Qty for side P. 35 i 4 6					5313626 =
1 17.33 m @ 327.63 l/m					5677 =
(26) Removal of all types of H.O. into & wide Box cut					831 =
2000 m @ 166.35 l/m					332700 =
(27) E.P.W. in excavation in front Qty for side P. 35 i 4 16 = 45.36 m					
" " " P. 39 i 4 8 = 93.56 m					
Total = 138.94 m					
@ 282.426 l/m					39240 =
(28) Under Main Road up driveway Qty for side P. 40 i 4 9 = 10.46 m					
" " " P. 35 i 4 12 = 5.23 m					
Total = 15.69 m					
@ 6219.20 l/m					97579 =
(29) Under Main Road Qty for side P. 35 i 4 13 = 15.45 m					
" " " P. 35 i 4 10 = 30.90 m					
Total = 46.35 m					
@ 6031.44 l/m					279557 =
(30) Under Main Road Qty for side P. 40 i 4 210 = 10.00 m					
" " " P. 36 i 4 19 = 5.00 m					
Total = 15.00 m					
@ 7289.61 l/m					109344 =
Total = 2691544					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(21) Supply of 1/2" R.C.					26915421 =
Qty for width P36 in 18					
" " P40 in 10					154442 =
Total					231610
@ 6236-03/m					144482 =
(30) Supply of 1/2" R.C.					
Qty for width P36 in 18					55110
" " P40 in 14					110540
Total					165650
@ 8474011/m					140075
(31) Supply of 4-ft long					
Qty for width P36 in 18					212111
" " P40 in 17					4244
Total					636111
@ 72167318/m					458984
(32) Back filling					
Qty for width P36 in 22					33611
" " P40 in 16					75211
Total					108811
@ 457511/m					49811
(33) Weep hole					
Qty for width P40 in 15					1611
" " P36 in 21					811
Total					2411
@ 1416011					3398 =
Total					27667341
(34) Terrace					
Qty for width P36 in 23					26421 =
Total					27540 =
(35) Terrace					
Qty for width P36 in 24					27540 =
Total					27667341

Continuation

Continuation