

Pragati Nagar to Hulli 66 kV D/C Transmission Line					
Tower No.	Area		Lenth (meter)	Quantity	
	Cutting	Filling		Cutting	Filling
1	0.147	2.597	12.800	1.882	33.242
2	17.056	16.207	13.000	221.728	210.691
3	5.456	6.739	13.100	71.474	88.281
4	13.692	12.948	14.200	194.426	183.862
5	6.016	6.335	13.500	81.216	85.523
6	8.094	8.576	11.600	93.890	99.482
7	8.448	11.564	15.000	126.720	173.460
8	10.864	10.249	14.200	154.269	145.536
9	6.881	8.129	11.600	79.820	94.296
10	7.874	9.598	13.700	107.874	131.493
11	11.877	11.797	13.000	154.401	153.361
12	13.684	18.151	12.300	168.313	223.257
13	17.298	11.861	12.900	223.144	153.007
14	0.367	1.655	10.900	4.000	18.040
15	3.419	4.443	12.100	41.370	53.760
16	7.335	2.044	11.600	85.086	23.710
Total Quantity				1809.613	1871.001


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 HPSEBL, Hulli (Kotkhai)


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Annex C

Praghati Nagar to Hulli 66 kV D/C Transmission Line										
Tower No. 01 Type of Tower (D+0) Formation Level 1501.521										Avg Level
Row	SPOT LEVELS									
1	1501.614	1501.594	1501.564	1501.511	1501.812	1501.663	1501.55	1501.667	1501.846	1501.647
2	1501.512	1501.517	1501.513	1501.473	1501.536	1501.507	1501.531	1501.557	1501.820	1501.552
3	1501.549	1501.470	1501.479	1501.489	1501.597	1501.596	1501.525	1501.636	1501.767	1501.568
4	1501.557	1501.416	1501.363	1501.460	1501.459	1501.466	1501.514	1501.52	1501.525	1501.476
5	1501.424	1501.241	1501.278	1501.482	1501.521	1501.413	1501.396	1501.478	1501.424	1501.406
6	1501.352	1501.118	1501.204	1501.495	1501.467	1501.415	1501.409	1501.423	1501.414	1501.366
7	1500.875	1500.864	1501.104	1501.230	1501.020	1501.312	1501.138	1501.181	1501.149	1501.097
8	1500.534	1500.590	1500.779	1500.697	1500.533	1500.687	1500.583	1500.674	1500.515	1500.621
9	1500.305	1500.437	1500.510	1500.400	1500.226	1500.208	1500.146	1500.123	1499.981	1500.260

Tower No. 2 Type of Tower (D+0) Formation Level 1542.948										
SPOT LEVELS										Avg Level
Row										
1	1547.364	1547.418	1547.366	1547.402	1547.651	1548.007	1548.209	1548.063	1547.92	1547.711
2	1547.229	1547.176	1546.991	1546.779	1546.625	1546.945	1547.197	1547.082	1546.453	1546.942
3	1545.639	1546.221	1546.380	1546.337	1546.452	1545.873	1546.081	1545.721	1545.590	1546.033
4	1543.632	1543.493	1543.496	1544.462	1544.863	1544.957	1545.106	1544.918	1544.072	1544.333
5	1541.101	1542.500	1542.552	1542.785	1542.948	1543.011	1542.925	1543.208	1542.552	1542.620
6	1539.314	1539.886	1540.621	1541.042	1542.304	1542.602	1542.722	1542.193	1540.958	1541.294
7	1538.831	1538.694	1539.168	1539.275	1539.996	1540.642	1540.810	1540.532	1539.615	1539.729
8	1537.732	1538.045	1538.401	1538.700	1538.823	1539.068	1538.892	1538.338	1538.348	1538.483
9	1539.766	1536.814	1537.341	1537.291	1537.330	1537.618	1537.428	1537.235	1537.253	1537.564


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Tower No. 3 Type of Tower (D+3) Formation Level 1524.592										
Row	SPOT LEVELS									Avg Level
1	1531.441	1531.105	1529.218	1528.187	1526.814	1525.009	1524.165	1522.373	1520.600	1526.546
2	1530.836	1531.383	1526.818	1527.365	1527.854	1522.906	1522.623	1522.664	1518.936	1525.709
3	1529.722	1528.826	1528.230	1526.761	1524.750	1524.197	1522.761	1521.240	1519.733	1525.136
4	1528.866	1527.945	1527.095	1526.221	1524.652	1523.538	1522.627	1521.427	1520.115	1524.721
5	1528.559	1527.539	1527.039	1525.370	1524.592	1523.197	1522.512	1521.279	1519.949	1524.448
6	1527.195	1527.077	1525.671	1524.799	1523.884	1522.640	1521.459	1520.738	1519.872	1523.704
7	1526.516	1525.563	1525.066	1524.217	1523.356	1521.593	1521.095	1519.815	1519.048	1522.919
8	1525.491	1525.042	1523.622	1523.371	1522.620	1521.409	1520.443	1519.389	1518.531	1522.213
9	1524.974	1523.723	1522.845	1521.921	1521.459	1520.406	1510.180	1518.376	1518.064	1520.216

Tower No. 4 Type of Tower (D+6) Formation Level 1563.947										
Row	SPOT LEVELS									Avg Level
1	1559.405	1559.591	1559.725	1559.829	1560.112	1560.240	1560.219	1560.505	1560.791	1560.046
2	1560.432	1560.520	1560.587	1560.792	1560.980	1561.207	1561.410	1561.548	1561.761	1561.026
3	1561.347	1561.331	1561.475	1561.730	1561.785	1562.040	1562.219	1562.386	1562.571	1561.876
4	1562.263	1562.358	1562.484	1562.714	1562.704	1562.863	1562.967	1563.363	1563.387	1562.789
5	1563.299	1563.492	1563.550	1563.843	1563.947	1563.873	1563.964	1564.001	1564.051	1563.780
6	1564.382	1564.482	1564.719	1564.996	1565.189	1565.234	1565.086	1565.027	1564.873	1564.888
7	1565.573	1565.729	1566.170	1566.286	1566.359	1566.482	1566.256	1566.026	1565.666	1566.061
8	1566.760	1566.942	1567.538	1567.878	1567.981	1567.982	1567.601	1567.036	1566.593	1567.368
9	1568.207	1568.833	1568.943	1569.216	1569.405	1568.848	1568.412	1568.019	1567.436	1568.591

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Tower No. 5 Type of Tower (D+3) Formation Level 1657.281										Avg Level
Row	SPOT LEVELS									
1	1653.653	1654.249	1654.712	1654.756	1654.732	1654.506	1654.389	1654.417	1654.015	1654.381
2	1653.978	1654.758	1655.272	1655.337	1655.233	1655.269	1654.958	1655.790	1654.828	1655.047
3	1654.315	1655.202	1655.711	1655.908	1655.748	1655.863	1655.809	1655.903	1655.650	1655.568
4	1654.778	1655.741	1656.254	1656.442	1656.453	1656.373	1656.373	1656.427	1656.385	1656.136
5	1655.299	1655.179	1656.835	1657.311	1657.281	1657.022	1656.943	1657.002	1657.016	1656.654
6	1655.639	1656.586	1657.142	1657.752	1658.022	1657.889	1657.648	1657.462	1657.36	1657.278
7	1656.203	1657.184	1657.751	1658.149	1658.562	1658.520	1658.414	1658.169	1657.918	1657.874
8	1656.811	1657.682	1658.386	1658.788	1659.015	1659.065	1659.054	1658.579	1658.582	1658.440
9	1657.431	1658.062	1658.863	1659.362	1659.669	1659.703	1659.769	1659.395	1659.279	1659.059

Tower No. 6 Type of Tower (B+0) Formation Level 1633.028										Avg Level
Row	SPOT LEVELS									
1	1627.469	1628.199	1628.869	1628.967	1629.227	1628.577	1627.961	1627.263	1626.237	1628.085
2	1628.743	1629.547	1630.230	1630.317	1630.346	1629.998	1629.458	1628.728	1628.759	1629.570
3	1629.791	1630.518	1631.098	1631.295	1631.304	1630.957	1630.719	1630.085	1629.266	1630.559
4	1630.994	1631.451	1631.818	1632.002	1632.001	1631.758	1631.491	1631.076	1630.287	1631.431
5	1632.090	1632.579	1632.731	1633.032	1633.028	1632.715	1632.366	1632.261	1631.215	1632.446
6	1633.219	1633.484	1633.736	1633.888	1633.820	1633.535	1633.205	1632.844	1632.380	1633.346
7	1634.493	1634.826	1635.051	1634.904	1634.745	1634.559	1634.225	1633.682	1632.905	1634.377
8	1635.778	1635.980	1636.083	1635.963	1635.802	1635.628	1635.395	1635.804	1635.738	1635.797
9	1637.101	1637.162	1637.258	1637.389	1637.350	1636.955	1636.587	1635.645	1634.747	1636.688

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Tower No. 7 Type of Tower (D+6) Formation Level 1628.252										Avg Level
Row	SPOT LEVELS									
1	1623.250	1623.021	1622.955	1622.952	1623.331	1623.459	1623.623	1623.233	1622.638	1623.162
2	1624.268	1624.134	1624.103	1624.289	1624.782	1624.812	1624.457	1624.075	1623.384	1624.256
3	1625.534	1625.441	1625.530	1625.868	1626.027	1625.848	1625.326	1624.888	1624.277	1625.415
4	1626.461	1626.549	1626.718	1627.168	1627.252	1626.973	1626.117	1625.644	1625.116	1626.444
5	1627.047	1627.100	1627.575	1628.102	1628.252	1627.828	1627.289	1626.312	1625.706	1627.246
6	1627.681	1627.882	1629.260	1629.315	1628.892	1628.521	1627.683	1626.877	1626.442	1628.061
7	1628.207	1629.028	1630.360	1630.360	1629.801	1629.190	1628.442	1627.344	1626.442	1628.797
8	1628.865	1630.451	1630.910	1630.999	1630.539	1629.767	1628.849	1627.911	1626.442	1629.415
9	1629.956	1631.333	1631.842	1631.590	1630.976	1630.360	1629.385	1628.434	1627.528	1630.156

Tower No. 8 Type of Tower (D+6) Formation Level 1601.706										Avg Level
Row	SPOT LEVELS									
1	1598.066	1597.865	1597.662	1597.495	1597.521	1597.386	1596.470	1595.584	1595.133	1597.020
2	1599.234	1598.973	1598.911	1598.734	1598.438	1598.325	1597.877	1597.222	1596.687	1598.267
3	1600.483	1600.310	1600.099	1599.873	1599.722	1599.390	1599.021	1598.810	1598.182	1599.543
4	1601.630	1601.412	1601.182	1600.891	1600.620	1600.447	1600.015	1599.562	1599.205	1600.552
5	1602.622	1602.511	1602.247	1601.980	1601.706	1601.341	1601.044	1600.519	1600.004	1601.553
6	1603.886	1603.509	1603.312	1603.023	1602.524	1602.273	1601.982	1601.351	1600.769	1602.514
7	1604.979	1604.586	1604.224	1603.835	1603.499	1603.048	1602.593	1602.031	1601.462	1603.362
8	1606.108	1605.554	1605.236	1604.868	1604.452	1603.983	1603.359	1602.722	1602.197	1604.275
9	1607.376	1606.682	1606.252	1605.902	1605.378	1604.789	1604.287	1603.747	1602.828	1605.249


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Tower No. 9 Type of Tower (C+0) Formation Level 1552.336										Avg Level
Row	SPOT LEVELS									
1	1550.735	1550.457	1549.983	1549.627	1549.252	1548.640	1547.602	1546.128	1545.476	1548.656
2	1551.506	1551.482	1551.066	1550.579	1550.079	1549.532	1548.564	1547.369	1546.126	1549.589
3	1552.347	1552.346	1552.082	1551.544	1550.884	1550.311	1549.484	1547.317	1547.059	1550.375
4	1552.974	1553.158	1552.888	1552.352	1551.531	1551.023	1550.398	1549.32	1548.269	1551.324
5	1553.667	1553.916	1554.080	1553.269	1552.336	1551.741	1551.222	1550.203	1549.605	1552.227
6	1553.952	1554.370	1554.776	1554.510	1553.707	1552.506	1551.974	1551.437	1550.514	1553.083
7	1553.846	1554.849	1555.268	1555.291	1554.940	1554.314	1553.199	1552.374	1551.872	1553.995
8	1553.728	1554.761	1555.587	1555.775	1555.653	1555.240	1554.674	1553.869	1553.092	1554.709
9	1553.853	1554.401	1555.504	1556.515	1556.357	1556.166	1555.770	1555.122	1554.267	1555.328

Tower No. 10 Type of Tower (D+3) Formation Level 1533.496										Avg Level
Row	SPOT LEVELS									
1	1529.044	1529.442	1530.065	1530.414	1530.474	1530.254	1529.648	1528.766	1527.623	1529.526
2	1530.135	1530.215	1530.788	1531.387	1531.408	1530.974	1530.472	1529.654	1528.348	1530.376
3	1531.138	1531.253	1531.668	1531.772	1531.804	1531.649	1531.180	1530.491	1528.979	1531.104
4	1531.809	1532.099	1532.363	1532.609	1532.907	1532.539	1532.028	1531.028	1529.826	1531.912
5	1532.672	1533.018	1533.272	1533.362	1533.496	1533.121	1532.617	1531.563	1530.58	1532.633
6	1533.774	1534.255	1534.788	1534.591	1534.174	1533.806	1533.166	1532.219	1530.745	1533.502
7	1534.709	1534.921	1535.241	1535.308	1534.988	1534.475	1533.887	1532.900	1531.555	1534.220
8	1535.467	1535.988	1535.891	1535.898	1535.549	1535.071	1534.471	1533.614	1532.367	1534.924
9	1536.177	1536.298	1536.471	1536.505	1536.292	1535.798	1535.260	1534.358	1532.902	1535.556


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Tower No. 11 Type of Tower (D+0) Formation Level 1573.701										Avg Level
Row	SPOT LEVELS									1568.632
1	1567.386	1568.041	1568.610	1569.112	1569.517	1569.326	1569.130	1568.621	1567.942	1569.801
2	1568.742	1569.252	1569.747	1570.163	1570.392	1570.352	1570.312	1569.981	1569.267	1570.988
3	1569.939	1570.705	1571.117	1571.380	1571.608	1571.591	1571.200	1570.957	1570.397	1572.013
4	1571.149	1571.649	1571.147	1572.538	1572.785	1572.792	1572.409	1572.044	1571.604	1573.110
5	1572.435	1573.010	1573.358	1573.644	1573.701	1573.608	1573.655	1573.187	1571.394	1574.355
6	1573.604	1574.447	1574.533	1574.771	1575.159	1574.950	1574.415	1573.947	1573.367	1575.653
7	1574.925	1575.667	1576.050	1576.476	1576.859	1576.095	1575.523	1574.900	1574.38	1576.896
8	1575.924	1576.609	1577.142	1577.532	1577.881	1577.054	1578.545	1575.914	1575.461	1577.776
9	1577.207	1577.859	1578.330	1578.654	1578.695	1578.151	1577.524	1577.127	1576.437	

Tower No. 12 Type of Tower (B+0) Formation Level 1525.254										Avg Level
Row	SPOT LEVELS									1517.019
1	1515.026	1516.217	1516.237	1517.204	1517.453	1517.701	1517.911	1517.930	1517.491	1519.037
2	1517.232	1518.238	1518.985	1519.362	1519.397	1519.43	1519.488	1519.626	1519.576	1520.620
3	1518.908	1519.770	1520.679	1521.128	1520.932	1521.041	1521.138	1521.032	1520.955	1522.354
4	1520.325	1521.266	1522.452	1522.877	1523.256	1523.126	1522.864	1522.468	1522.555	1524.544
5	1521.658	1522.541	1523.705	1524.532	1525.254	1525.307	1525.555	1526.038	1526.31	1526.170
6	1523.171	1524.162	1525.099	1526.032	1527.047	1527.204	1527.472	1527.783	1527.557	1527.767
7	1524.045	1525.802	1526.729	1527.645	1528.585	1529.030	1529.681	1529.343	1529.045	1529.359
8	1525.407	1527.805	1528.215	1529.221	1530.111	1530.935	1531.179	1530.884	1530.473	1531.683
9	1527.489	1531.668	1532.195	1531.044	1531.896	1532.864	1533.085	1532.832	1532.077	

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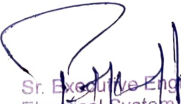
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Tower No. 13 Type of Tower (C+3) Formation Level 1504.424										Avg Level
Row	SPOT LEVELS									
1	1499.526	1499.54	1499.555	1499.751	1499.686	1499.376	1499.731	1499.650	1499.023	1499.538
2	1500.797	1501.098	1501.256	1501.095	1501.103	1500.603	1500.649	1500.745	1500.138	1500.832
3	1501.972	1502.230	1502.456	1502.389	1502.353	1501.964	1501.904	1502.099	1502.153	1502.169
4	1503.366	1503.499	1503.535	1503.494	1503.375	1503.229	1503.133	1503.406	1503.51	1503.394
5	1504.921	1504.748	1504.682	1504.440	1504.424	1504.43	1504.554	1504.665	1504.763	1504.625
6	1506.391	1506.311	1505.876	1505.879	1505.639	1505.924	1506.142	1506.237	1506.287	1506.076
7	1507.96	1508.188	1508.002	1507.843	1507.933	1507.626	1507.520	1507.655	1507.812	1507.838
8	1509.647	1509.650	1509.461	1509.270	1509.389	1509.158	1509.177	1509.032	1509.164	1509.328
9	1511.045	1511.100	1510.899	1510.661	1510.688	1510.614	1510.408	1510.880	1510.928	1510.803

Tower No. 14 Type of Tower (B+0) Formation Level 1476.895										Avg Level
Row	SPOT LEVELS									
1	1475.314	1476.746	1477.084	1477.455	1477.798	1477.790	1477.497	1476.883	1476.495	1477.007
2	1475.461	1476.389	1476.748	1477.264	1477.624	1477.822	1477.585	1477.272	1476.806	1476.997
3	1475.1	1475.895	1476.309	1476.922	1477.270	1477.666	1477.581	1477.409	1477.079	1476.803
4	1474.801	1475.555	1475.828	1476.326	1476.895	1477.263	1477.314	1477.479	1477.278	1476.527
5	1474.805	1475.315	1475.777	1476.305	1476.749	1477.224	1477.518	1477.596	1477.57	1476.540
6	1474.841	1475.318	1475.861	1476.563	1477.134	1477.539	1477.809	1478.165	1478.088	1476.813
7	1474.889	1475.299	1476.304	1477.148	1477.594	1478.108	1478.463	1478.165	1478.455	1477.158


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Tower No. 15 Type of Tower (D+0) Formation Level 1460.714										Avg Level
Row	SPOT LEVELS									
1	1456.351	1456.911	1457.836	1458.223	1458.204	1458.298	1458.735	1458.581	1458.674	1457.979
2	1457.931	1458.615	1459.068	1459.63	1458.682	1459.745	1459.826	1459.997	1459.935	1459.270
3	1459.552	1459.763	1459.812	1459.995	1460.099	1460.144	1460.323	1460.022	1460.445	1460.017
4	1459.831	1460.022	1460.155	1460.227	1460.329	1460.351	1460.540	1460.571	1460.676	1460.300
5	1460.030	1460.222	1460.401	1460.568	1460.714	1460.793	1460.889	1460.868	1460.982	1460.607
6	1460.415	1460.605	1460.798	1460.819	1461.004	1461.169	1461.182	1461.206	1461.291	1460.943
7	1460.898	1461.011	1461.163	1461.350	1461.288	1461.458	1461.676	1462.056	1462.329	1461.470
8	1461.672	1461.812	1461.676	1461.760	1461.865	1461.968	1462.383	1463.18	1463.867	1462.243
9	1462.343	1462.299	1462.330	1462.475	1462.750	1463.283	1464.250	1465.029	1465.896	1463.406

Tower No. 16 Type of Tower (B+3) Formation Level 1469.011										Avg Level
Row	SPOT LEVELS									
1	1468.01	1468.167	1468.22	1468.317	1468.229	1468.115	1467.88	1467.438	1467.094	1467.941
2	1468.382	1468.379	1468.408	1468.436	1468.421	1468.379	1468.337	1468.267	1468.107	1468.346
3	1468.576	1468.585	1468.578	1468.585	1468.603	1468.545	1468.465	1468.388	1468.309	1468.515
4	1468.900	1468.788	1468.734	1468.739	1468.741	1468.734	1468.700	1468.675	1468.601	1468.735
5	1468.935	1469.151	1468.852	1468.908	1469.011	1468.997	1469.025	1468.991	1468.841	1468.968
6	1469.864	1469.687	1469.678	1469.769	1469.424	1469.605	1469.829	1469.860	1469.779	1469.722
7	1470.547	1470.291	1470.756	1470.401	1470.281	1470.691	1471.129	1471.127	1470.966	1470.688
8	1471.554	1471.414	1471.261	1470.875	1471.255	1471.585	1471.871	1472.119	1472.198	1471.570
9	1472.950	1472.193	1471.834	1471.883	1472.514	1472.610	1472.831	1473.117	1473.409	1472.596

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