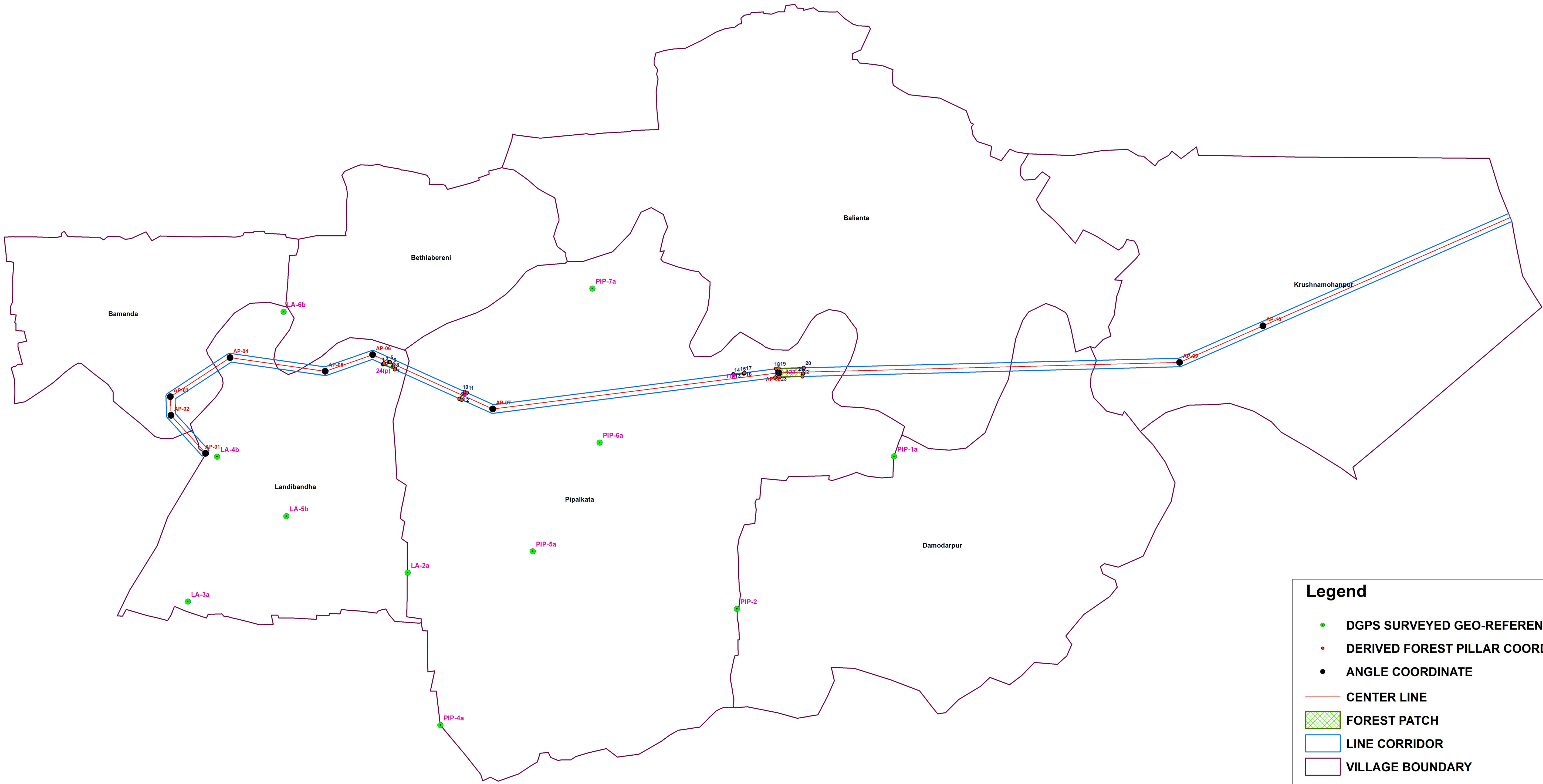




1:6,000

INDEX MAP SHOWING FOREST AREA PROPOSED FOR CONSTRUCTION OF 132/33KV TRANSMISSION LINE GRID S/S BOUDH TO PROPOSED 220/132/33KV TRANSMISSION LINE GRID S/S KIAKATA OF M/S OPTCL, ANGUL COMING UNDER HARABHANGA TAHSIL AND BOUDH FOREST DIVISION, BOUDH DISTRICT ODISHA STATE.

0 1 2 3 Kilometers



Legend

- DGPS SURVEYED GEO-REFERENCING POINTS
- DERIVED FOREST PILLAR COORDINATES
- ANGLE COORDINATE
- CENTER LINE
- FOREST PATCH
- LINE CORRIDOR
- VILLAGE BOUNDARY

- DGPS Survey of forest areas proposed for diversion for construction of 132/33KV Transmissionline Grid S/s Boudh to proposed 220/132/33KV Transmission Line Grid S/s Kiakata coming under Boudh Forest Division, Boudh district has been carried out by the Deputy General Manager (Electrical), E.H.T. (Const.) Division, OPTCL, Angul through M/s Centre for Envotech and Management Consultancy Pvt. Ltd., Bhubaneswar.

- DGPS Survey Co-ordinates are verified by ORSAC. Also Maps showing forest areas proposed for diversion are verified with geo-referenced cadastral sheets / surveyed points compared with Ortho-rectified Cartosat Satellite image and found that maps are correct at a confidence level of 95%.

- All the forest areas proposed for diversion comes under Revenue forest category in 2 cadastral sheets of 2 Revenue villages under Harabhanga Tahasil of Boudh District.

-Total forest areas proposed for diversion works out to 0.290Ha. from the submitted .shp files against the allotted area of 0.290Ha.(0.717Ac.)as mentioned in the submitted land schedule.

- Additional 2 maps showing village/plot wise forest areas proposed for diversion are attached here with.

DERIVED COORDINATES OF FOREST BOUNDARY PILLARS

SL NO	PILLAR ID	LONGITUDE	LATITUDE	EASTING	NORTHING
1	1	84°19'08.996"	20°46'23.813"	220888.764	2299373.473
2	2	84°19'09.010"	20°46'23.871"	220889.184	2299375.245
3	3	84°19'09.084"	20°46'23.914"	220891.363	2299376.554
4	4	84°19'09.585"	20°46'24.045"	220905.931	2299380.345
5	5	84°19'09.709"	20°46'24.025"	220909.489	2299379.654
6	6	84°19'10.074"	20°46'23.783"	220919.925	2299372.046
7	7	84°19'10.245"	20°46'23.358"	220924.675	2299358.886
8	8	84°19'10.185"	20°46'23.275"	220922.877	2299356.368
9	9	84°19'16.852"	20°46'20.260"	221114.267	2299260.404
10	10	84°19'17.403"	20°46'20.985"	221130.589	2299282.423
11	11	84°19'17.626"	20°46'20.884"	221136.975	2299279.221
12	12	84°19'17.089"	20°46'20.153"	221121.068	2299256.993
13	13	84°19'45.074"	20°46'22.785"	221932.209	2299324.55
14	14	84°19'45.096"	20°46'22.740"	221932.806	2299323.147
15	15	84°19'46.142"	20°46'22.855"	221963.13	2299326.205
16	16	84°19'46.211"	20°46'22.886"	221965.153	2299327.12
17	17	84°19'46.204"	20°46'22.929"	221964.976	2299328.421
18	18	84°19'49.467"	20°46'23.343"	222059.596	2299339.601
19	19	84°19'49.727"	20°46'23.375"	222067.133	2299340.472
20	20	84°19'52.325"	20°46'23.443"	222142.337	2299341.308
21	21	84°19'52.249"	20°46'22.835"	222139.856	2299322.636
22	22	84°19'52.184"	20°46'22.561"	222137.828	2299314.259
23	23	84°19'49.802"	20°46'22.500"	222068.868	2299313.509
24	24	84°19'49.388"	20°46'22.447"	222056.849	2299312.089

DGPS SURVEYED GEO-REFERENCE COORDINATES

SL NO	POINT ID	LONGITUDE	LATITUDE	EASTING	NORTHING
1	PIP-1a	84°20'01.61812"	20°46'14.31468"	222406.617	2299056.031
2	PIP-2	84°19'45.43875"	20°45'58.59558"	221930.442	2298580.143
3	PIP-4a	84°19'14.89429"	20°45'46.62302"	221040.448	2298226.426
4	PIP-5a	84°19'24.40343"	20°46'04.52975"	221324.757	2298772.798
5	PIP-6a	84°19'31.28268"	20°46'15.73691"	221529.536	2299114.308
6	PIP-7a	84°19'30.54800"	20°46'31.61017"	221516.369	2299603.031
7	LA-2a	84°19'11.52201"	20°46'02.33287"	220950.881	2298711.39
8	LA-3a	84°18'48.87058"	20°45'59.34761"	220293.877	2298630.434
9	LA-4b	84°18'51.89074"	20°46'14.27879"	220388.915	2299088.369
10	LA-5b	84°18'59.03095"	20°46'08.15548"	220592.399	2298896.537
11	LA-6b	84°18'58.73732"	20°46'29.21123"	220594.671	2299544.502

COORDINATES OF ANGLE POINT

SL NO	PILLAR ID	LONGITUDE	LATITUDE	EASTING	NORTHING
1	AP-01	84°18'50.712"	20°46'14.638"	220355	2299100
2	AP-02	84°18'47.153"	20°46'18.548"	220254	2299222
3	AP-03	84°18'47.084"	20°46'20.465"	220253	2299281
4	AP-04	84°18'53.234"	20°46'24.494"	220433	2299402
5	AP-05	84°19'03.039"	20°46'23.087"	220716	2299354
6	AP-06	84°19'07.916"	20°46'24.788"	220858	2299404
7	AP-07	84°19'20.283"	20°46'19.196"	221213	2299226
8	AP-08	84°19'49.764"	20°46'22.938"	222068	2299327
9	AP-09	84°20'31.044"	20°46'24.001"	223263	2299340
10	AP-10	84°20'39.618"	20°46'27.774"	223513	2299452

STATISTICS OF FOREST AREAS PROPOSED FOR DIVERSION FOR CONSTRUCTION OF 132/33KV TRANSMISSION LINE GRID S/S BOUDH TO PROPOSED 220/132/33KV TRANSMISSION LINE GRID S/S KIAKATA OF M/S OPTCL, ANGUL COMING UNDER HARABHANGA TAHSIL AND BOUDH FOREST DIVISION, BOUDH DISTRICT

SL. NO.	VILLAGE NAME	PLOT NO.	KISAM	ACQUIRED AREA AC.	ACQUIRED AREA HA.	MAP AREA HA.
1	Landibandha	24 (P)	Gramya Jungle	0.101	0.041	0.041
2	Pipalkata	122 (P)	Gramya Jungle	0.549	0.222	0.222
3	Pipalkata	116 (P)	Gramya Jungle	0.015	0.006	0.006
4	Pipalkata	4 (P)	Gramya Jungle	0.052	0.021	0.021
TOTAL FOREST AREA				0.717	0.29	0.29

Surveyed & Prepared by -

Centre for Envotech & Management
Consultancy Pvt. Ltd.



Deputy General Manager (Elect)
EHT Construction Division
OPTCL, Angul

