



आजादी का
अमृत महोत्सव

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
विद्युत संचार विकास प्रभाग
Power Communication Development Division

के.वि.प्रा. केस सं.: MRA-1186: / 300-302
पी.टी.सी.सी. प्रस्ताव 220 kV U/G XLPE cable from proposed Ulwe GIS S/S to Waghiwali GIS S/S : 9 km

क्रमांक	सन्दर्भ सं.	दिनांक
(i)	MSETCL: MSETCL/CO/PS/PTCC/In/B-583/6871	17.11.2021
(ii)	BSNL: IC/MBI/PTCC/MRA-2519	03.03.2022
	MTNL: DGM(PLG)/PTCC-MSETCL/220KV DC UG/ULWE GIS- WAGHIWALI GIS/2021-22/2	27.01.2022
(iii)	Central Railway: N.153/PTCC/220KV/MAH-797	08.03.2022
(iv)	Defense: B/46937/Sigs 7(b)/2673	10.01.2022

संदर्भ (i) द्वारा प्रस्तुत पीटीसीसी प्रस्ताव की जांच की गई है। बी.एस.एन.एल. & एम.टी.एन.एल. के टेलिकॉम केबलों एवं मध्य रेल के ब्लॉक और टेलीकॉम सर्किट पर निम्न आवृत्ति प्रेरण गणना क्रमशः उपरोक्त संदर्भ (ii) और संदर्भ (iii) में दिए गए विवरणों के संबंध में की गई है। सिंगल लाइन टू ग्राउंड फॉल्ट की स्थिति के तहत बी.एस.एन.एल. & एम.टी.एन.एल. और मध्य रेल के ब्लॉक और टेलीकॉम सर्किट के समानांतर दूरसंचार केबलों पर प्रेरित होने की संभावना वाले वोल्टेज क्रमशः अनुलग्नक-I और अनुलग्नक-II में संलग्न हैं। स्क्रीनिंग कारक का मान यथानुरूप लिया गया है। उपरोक्त संदर्भ (iv) द्वारा, रक्षा प्राधिकरण ने अनापत्ति प्रमाण पत्र (एन.ओ.सी.) जारी किया है। (एक प्रति अनुलग्नक-III के रूप में संलग्न है)

उपरोक्त को ध्यान में रखते हुए, पीटीसीसी मार्ग अनुमोदन जारी करने के लिए आवश्यक कार्रवाई की जाए।

संलग्न: ऊपरोक्त अनुसार

राजवेंद्र प्रताप सिंह
निदेशक 22.04.22

To,

1.	Divisional Engineer (PTCC), Western Zone	BSNL; Inspection Circle, 3 rd Floor, D-Wing, BSNL Admin Building, Juhu Tara Road, Santacruz (West), Mumbai-400054.	अनुलग्नक-I & अनुलग्नक-III
2.	Dy. CSTE/Tele	Central Railway; O/o Principal Chief Signal & Telecom Engineer, 3 rd floor, Annex Building, CSMT Mumbai-400001.	अनुलग्नक-II
3.	SE (Projects Schemes)	MSETCL; Projects Schemes Department, "Prakashganga", Plot No. C-19, E Block, Bandra-Kurla Complex, Bandra (East), Mumbai-400051.	जानकारी हेतु

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भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
विद्युत संचार विकास प्रभाग
Power Communication Development Division

CEA Case No.: MRA-1186: 1300-302
PTCC proposal of 220-kV U/G XLPE cable from proposed Ulwe GIS S/S to
Waghiwali GIS S/S : 9 km

Reference:		
S. No.	Reference No.	Dated
(i)	MSETCL: MSETCL/CO/PS/PTCC/In/B-583/6871	17.11.2021
(ii)	BSNL: IC/MBI/PTCC/MRA-2519	03.03.2022
	MTNL: DGM(PLG)/PTCC-MSETCL/220KV DC UG/ULWE GIS-WAGHIWALI GIS/2021-22/2	27.01.2022
(iii)	Central Railway: N.153/PTCC/220kV/MAH-797	08.03.2022
(iv)	Defense: B/46937/Sigs 7(b)/2673	10.01.2022

The PTCC proposal submitted vide reference (i) has been examined. The low frequency induction on telecom cables of BSNL & MTNL and Block & Telecom circuits of Central Railway with respect to details furnished vide above references (ii) and (iii) respectively has been computed. The voltages likely to be induced on paralleling telecom cables of BSNL & MTNL and Block & Telecom circuits of Central Railway under Single Line to Ground fault condition are enclosed at Annexure-I and Annexure-II respectively. The screening factors, as applicable, have been considered. Vide above reference (iv), Defence Authority have issued No Objection Certificate (NOC) (a copy enclosed as Annexure-III).

Taking above into consideration, necessary action regarding issuance of PTCC route approval may be taken.

Encl.: As above.

राजेश कुमार सिंह
22.01.22
Director

To,

1.	Divisional Engineer (PTCC), Western Zone	BSNL; Inspection Circle, 3 rd Floor, D-Wing, BSNL Admin Building, Juhu Tara Road, Santacruz (West), Mumbai-400054.	Annexure-I & Annexure-III
2.	Dy. CSTE/Tele	Central Railway; O/o Principal Chief Signal & Telecom Engineer, 3 rd floor, Annex Building, CSMT Mumbai-400001.	Annexure-II
3.	SE (Projects Schemes)	MSETCL; Projects Schemes Department, "Prakashganga", Plot No. C-19, E Block, Bandra-Kurla Complex, Bandra (East), Mumbai-400051.	Copy for information

Sr. No. Zone Area Manager Exch/RSU Cable Type No. of Cable Size of Cable Cable Length (mtr) Location/ stretch No of Pillars effected

Sr. No.	Zone	Area Manager	Exch/RSU	Cable Type	No. of Cable	Size of Cable	Cable Length (mtr)	Location/ stretch	No of Pillars effected
Z-5	AM(BELAPUR)	Taloja	Primary	1	200	5000	taloja village malgohi	1	
Z-5	AM(BELAPUR)	Taloja	Primary	3	400	6000	kepez,hikal,belhaka,TWA	2	
Z-5	AM(BELAPUR)	Taloja	Primary	2	800	5000	nawapathia,taloja village	1	
Z-5	AM(BELAPUR)	Kamothe	Primary	2	800	2000	ssp,deepak,peel	1	
Z-5	AM(BELAPUR)	Kamothe	Primary	1	400*5	4000	Sector-17,35,12,34	5	
Z-5	AM(BELAPUR)	Kamothe	Primary	1	400/400/200/400	2000	Sector-5,6A,7,56,5	5	
Z-5	AM(BELAPUR)	Kamothe	Primary	1	50/400/200/400	1200	Sector 10,14,11,3,9	6	
Z-5	AM(BELAPUR)	Kamothe	Primary	1	7400/300/300	5000	Sector 15,16,18,20,21,22,23,24	7	
Z-5	AM(BELAPUR)	PANVEL	Primary	1	800 PUF/6.5	2000	HOC Colony /TAHSULI OFFICE	4	
Z-5	AM(BELAPUR)	PANVEL	Primary	1	400 PUF/6.5	1000	TILAK ROAD	1	
Z-5	AM(BELAPUR)	Nerul	Primary	1	2000 PUF/6	1700	RHANDA COLY SIGNAL /GST	4	
Z-5	AM(BELAPUR)	Nerul	Primary	2	2* 2000	2000	SHIRVANGAON, SEC 1, 2, BY PATIL HOSPITAL	9	
Z-5	AM(BELAPUR)	Nerul	Primary	2	2* 2000	3000	SEC 2, SEC 23,24,25, JINAGAR	7	
Z-5	AM(BELAPUR)	Nerul	Primary	2	2* 2000	1800	SEC 4, SEC 6, PALM BEACH SIDE ROAD	7	
Z-5	AM(BELAPUR)	Nerul	Primary	3	3* 2000 PUF /0.4, 1*1600	1200	SEC 9, SEC 11, SEC 15 ARMY COLONY	13	
Z-5	AM(BELAPUR)	Nerul	Primary	4	4* 2000 PUF /0.4	1000	SEC 19, SEC 21, SEC 23	17	
Z-5	AM(BELAPUR)	Nerul	Primary	2	2* 2000 PUF /0.4	1600	SEC 27, PROGRESSIVE SCHOOL	10	
Z-5	AM(BELAPUR)	Nerul	Primary	3	3* 2000 PUF /0.4	1500	SEC 20, SEC 28, NERUL WEST GAON	6	
Z-5	AM(BELAPUR)	SUKHARTA	Primary	4	4* 2000 PUF /0.4	1600	SEC 38, 40, 42, 46, 48, SEC 50 SEAWOOD	20	
Z-5	AM(BELAPUR)	KHARGHAR	Primary	1	2000/0.4 JF (U1), 1600, 1200, 800 & 400 PUF	3500	KGR Exch Sec20 to Raj tower, sec. 19 KGR serving P0101/P0102/P0103/P0104/P0105/Daily Bazar/P0601 RAF Qtrs	7	
Z-5	AM(BELAPUR)	KHARGHAR	Primary	1	2000/0.4 JF (U1), 1600, 1200, 800 & 400 PUF	3000	KGR Exch to Sec3, Sec7, Sec4, Sec11, Sec5 & Sec8 KGR serving P0803/P0806/P0905/P0210/P0209/P0501/P0502	7	
Z-5	AM(BELAPUR)	KHARGHAR	Primary	1	2000/0.4 JF (U1), 1600, 1200, 800 & 400 PUF	3500	Exch to Sec7 (P0301 & P0307), Sec8 (P0402), Sec11 (P0209 & P0210), Sec2 (P0401), Sec4 (P0	8	
Z-5	AM(BELAPUR)	KHARGHAR	Primary	1	2000/0.4 JF (U1), 1600, 1200, 800 & 400 PUF	3500	KGR Exch to P0101 (Opp KGR exch), Sec14 (P0209) Sec 19 (P0108), Sec15 (P0206), Sec20 (P0104 & P0307), Sec15 (P0205), Sec13 (P0202) & Sec02 (BPCL CNE).	7	
Z-5	AM(BELAPUR)	KHARGHAR	Primary	1	2000/0.4 JF (U1), 1600, 1200, 800 & 400 PUF	3000	KGR Exch to Sec21 (P0106), Sec11 (P0208 KV back gate, P0210 opp Syndicate Bank, P0204 Kogara Mandir), Sec12 (P0207 Vidyave Bank, P0211 Nr Gokhale Sch, P0201 opp Tuls Jagant).	7	

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Sl. No.	Zone	AREA MANAGER	Exch/RSU	CABLE TYPE	No. of Cables	CABLE LENGTH (Mtr)	LOCATION/ Stretch	No of Pillars effected
Z-5	AM(BELAPUR)	KHAREGAR	Primary	1	2000/0.4 JF (LI 6), 1600, 1200, 800 & 400 PUF	3500	(KGR Exch to Sec 05 (PO502 Allahabad Bank), Sec 05 (PO501 Regency Park), Sec 04 (PO305 Avis Bank), Sec 11 (PO 0220 opp Syndicate Bank), Sec 03 (PO308 in front YMT Hospital), Sec 07 (PO301 Patel Heritage, PO302 Hiranandani), Sec 02 (PO401 Sai Saver), Sec 08 (PO402 Bhoomi Height), Sec 20 (PO107 Maabhi MK, PO103 Jalevyu, PO104 Twins Tower), Sec 19 (PO308 Regency Christ)	13
Z-5	AM(BELAPUR)	CBD BELAPUR	Primary	1	2000/0.4 JF (LI 1)	1600	Serving Pillars 403, 401, 308, 310, 201, 204, 205	7
Z-5	AM(BELAPUR)	CBD BELAPUR	Primary	1	2000/0.4 JF (LI 2)	1800	Serving Pillars 416, 403, 404, 405, 410, 411, 412, 413	8
Z-5	AM(BELAPUR)	CBD BELAPUR	Primary	1	1200/0.5 JF (LI 3)	560	Serving Pillars 402, 417	2
Z-5	AM(BELAPUR)	CBD BELAPUR	Primary	1	1200/0.5 JF (LI 4)	1400	Serving Pillars 101, 108, 106	3
Z-5	AM(BELAPUR)	CBD BELAPUR	Primary	1	1200/0.5 JF (LI 5)	1600	Serving Pillars 403, 405, 410, 411	4
Z-5	AM(BELAPUR)	CBD BELAPUR	Primary	1	1200/0.5 JF (LI 6)	750	Serving Pillars 401, 301, 308	3
Z-5	AM(BELAPUR)	CBD BELAPUR	Primary	1	1200/0.5 JF (LI 7)	1500	Serving Pillars 101, 102, 103, 104, 204	5
Z-5	AM(BELAPUR)	CBD BELAPUR	Primary	1	2000/0.4 JF (LI 8)	1700	Serving Pillars 308, 101, 201, 204, 110, 105, 109	4
Z-5	AM(BELAPUR)	CBD BELAPUR	Primary	1	2000/0.4 JF (LI 9)	1500	Serving Pillars 421, 409, 411, 501	3
Z-5	AM(BELAPUR)	CBD BELAPUR	Primary	1	2000/0.4 JF (LI 10)	1500	Serving Pillars 101, 202, 203, 205, 102, 105, 107	4
Z-5	AM(BELAPUR)	CBD BELAPUR	Primary	1	1200/0.5 JF (LI 11)	1000	Serving Pillars 408, 409, 407	3
Z-5	AM(BELAPUR)	CBD BELAPUR	Primary	1	1600/0.4 JF (LI 12)	1800	Serving Pillars 404, 405, 302, 309, 410, 411, 412, 413, 414	9
Z-5	AM(BELAPUR)	CBD BELAPUR	Primary	1	1200/0.4 JF (LI 13)	1500	Serving Pillars 101, 102, 103, 108, 105, 106, 107	7
Z-5	AM(BELAPUR)	CBD BELAPUR	Primary	1	1200/0.5 JF (LI 14)	1500	Serving Pillars 501	1
Z-5	AM(BELAPUR)	CBD BELAPUR	Primary	1	1200/0.5 JF (LI 15)	1800	Serving Pillars 411, 418, 412, 414	4
Z-5	AM(BELAPUR)	CBD BELAPUR	Primary	1	1200/0.4 JF (LI 16)	4200	Serving Pillars 302, 422, 413, 420	4
Z-5	AM(BELAPUR)	CBD BELAPUR	Primary	1	1600/0.4 JF (LI 17)	1800	Serving Pillars 401, 102, 103, 104, 105, 106, 107, 501	8
Z-5	AM(BELAPUR)	CBD BELAPUR	Primary	1	1600/0.4 JF (LI 18)	1600	Serving Pillars 205, 203, 207, 205	4
Z-5	AM(BELAPUR)	Persik Hill RSU	Primary	1	2000/0.4 JF (LI 01)	1400	Serving Pillars 103, 104	2
Z-5	AM(BELAPUR)	Persik Hill RSU	Primary	1	2000/0.4 JF (LI 02)	1600	Serving Pillars 101, 102, 105	3
Z-5	AM(BELAPUR)	Vanshree RSU	Primary	1	2000/0.4 JF (LI 03)	2000	Serving Pillars 101, 102, 103, 104, 105	5
Z-5	AM(BELAPUR)	SHEVA RSU	COPPER(PUF)	1	400	99	SHEVA RSU MDF TO SHEVA PILLAR NO.0301	1
Z-5	AM(BELAPUR)	SHEVA RSU	COPPER(PUF)	1	400	800	SHEVA PILLAR NO 0301 TO INPT ADMIN BUILDING	1
Z-5	AM(BELAPUR)	SHEVA RSU	COPPER(PUF)	1	400	1400	SHEVA PILLAR NO 0301 TO INPT PUMP HOUSE AMBESWAR	1
Z-5	AM(BELAPUR)	SHEVA RSU	COPPER(PUF)	1	50	1600	SHEVA RSU MDF TO AIR FORCE SHEVA	same pillar
Z-5	AM(BELAPUR)	SHEVA RSU	COPPER(PUF)	1	200	3400	ADMIN BUILDING TO IMMIGRATION OFFICE INSIDE INPT	Nil
Z-5	AM(BELAPUR)	JNCH RSU	COPPER(PUF)	1	800	250	JNCH RSU TO PUB PILLAR NO 0302(primary)	same pillar

IV Less than 4500

Summary MIDC Cable Details-220 KV DC UG cable from ULWE GIS- Waghiwadi GIS Transmission Line (9.0 KM)

Sr. No.	Zone	AREA MANAGER	Exch/RSU	CABLE TYPE	No. of Cable	Size of Cable	CABLE LENGTH (Mtr)	LOCATION/ Stretch	No of Pillars effected
	Z-5	AM(VASHI)	SANPADA	PRIMARY	3	2000	1000	Zunka Bhalur, Opp Pausik Bank Rd. Sec 4 Sampada	15
	Z-5	AM(VASHI)	SANPADA	PRIMARY	2	2000	500	Golden Palace Pillar, Sec 5 Sampada	11
	Z-5	AM(VASHI)	TURBHE	Primary	2	1,200	4000	Pawane MIDC	5
	Z-5	AM(VASHI)	TURBHE	Primary	2	800	4000	Pawane MIDC	5
	Z-5	AM(VASHI)	TURBHE	Primary	1	1200	2500	LP junction shirone	3
	Z-5	AM(VASHI)	TURBHE	Primary	1	400	1000	Gargi company Midc TRB	1
	Z-5	AM(VASHI)	TURBHE	Primary	1	2000	3000	Indra nagar	1
	Z-5	AM(VASHI)	TURBHE	Primary	1	400	1500	Amhies and plastic MIDC TRB	2
	Z-5	AM(VASHI)	TURBHE	Primary	1	1200	1800	Punit TRB store MIDC	3
	Z-5	AM(VASHI)	TURBHE	Primary	1	400	500	Fish Market TRB	1
	Z-5	AM(VASHI)	TURBHE	Primary	1	400	1000	Lurkol Midc	1
	Z-5	AM(VASHI)	TURBHE	Primary	1	2000	4000	Khairne Midc	3
	Z-5	AM(VASHI)	TURBHE	Primary	1	400	500	Khairne Midc Nr CETP Plopt	1
	Z-5	AM(VASHI)	TURBHE	Primary	1	400	650	Khairne Midc Nr NFDC cold storage	1
	Z-5	AM(VASHI)	TURBHE	Primary	1	400	500	Khairne midc Nr HK Electrical	1
	Z-5	AM(BELAPUR)	Kalamboil	Primary	3	200	3500	KLE sector 3, Sect-10, Plot 534, KWC, steel market	4
	Z-5	AM(BELAPUR)	Kalamboil	Primary	1	400/400/400	500	KL 5/22 sector 3E	4
	Z-5	AM(BELAPUR)	Kalamboil	Primary	2	400/400	400	KL 5/32 sector 4E, averest	4
	Z-5	AM(BELAPUR)	Kalamboil	Primary	1	400	500	steel, dlema, bhina	1
	Z-5	AM(BELAPUR)	Kalamboil	Primary	1	400	600	Bhima complex	3
	Z-5	AM(BELAPUR)	Kalamboil	Primary	1	400	520	KL 5/6 sector 3E	1
	Z-5	AM(BELAPUR)	Kalamboil	Primary	1	800	900	KL 5/8 sector 3	2
	Z-5	AM(BELAPUR)	Kalamboil	Primary	1	800	950	KL 5/6 sector 4	3
	Z-5	AM(BELAPUR)	Kalamboil	Primary	1	1200	1000	Ewers tower sector 4	3
	Z-5	AM(BELAPUR)	Kalamboil	Primary	1	2000	1000	Sector 1, 2, 3, 4, Krishna petro pump	4
	Z-5	AM(BELAPUR)	Kalamboil	Primary	1	200	400	sector 13, JIG, steel market, Kirokda	4
	Z-5	AM(BELAPUR)	Kalamboil	Primary	1	800	500	Right, Sidhi	2
	Z-5	AM(BELAPUR)	Taloja	Primary	1	400/3	5000	Bhima dlema	3
	Z-5	AM(BELAPUR)	Taloja	Primary	1	400	8000	Taloja village, cene bank, para, deepak, opex	3
	Z-5	AM(BELAPUR)	Taloja	Primary	1	400	700	deepak talbe, ramamolar, jesa tap, jesa glass	3
	Z-5	AM(BELAPUR)	Taloja	Primary	1	400	700	palma	1

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Sl. No.	AM(BELAPUR)	Exch/RSU	CABLE TYPE	No. of Cable	Size of CABLE	CABLE LENGTH (Mtr)	LOCATION/ stretch	No of Pillars effected
Z-5	AM(BELAPUR)	JNCH RSU	COPPER(PUF)	1	100	2000	PUB PILLAR NO 0302 TO M/S GANESH BENZO	same pillar
Z-5	AM(BELAPUR)	JNCH RSU	COPPER(PUF)	1	50	2500	PUB PILLAR NO 0302 TO INDIANCOIL	same pillar
Z-5	AM(BELAPUR)	JNCH RSU	COPPER(PUF)	1	20	60	TRAFFIC CHOWKI CUSTOM TO M/S IMC	same pillar
Z-5	AM(BELAPUR)	CWC ONE	COPPER(PUF)	1	400	1200	CWC ONE SECTOR-1 D,NODE TO CWC PILLAR 0303	same pillar
Z-5	AM(BELAPUR)	CWC ONE	COPPER(PUF)	1	200	1350	CWC PILLAR 0303 TO IMPEX PARK SECTOR-2 D,NODE	1
Z-5	AM(BELAPUR)	CWC ONE	COPPER(PUF)	2	100	1400	CWC PILLAR 0303 TO M/S MANILAL PATEL COMPANY AREA SECTOR-2 D,NODE	same pillar
Z-5	AM(BELAPUR)	CWC ONE	COPPER(PUF)	1	50	2600	CWC PILLAR 0303 TO M/S SEA BIRD CO. AREA SECTOR-2	same pillar
Z-5	AM(BELAPUR)	CWC ONE	COPPER(PUF)	1	50	1000	CWC PILLAR 0303 TO M/S PUNJAB CONWARE SECTOR-2	same pillar
Z-5	AM(BELAPUR)	CWC ONE	COPPER(PUF)	1	50	400	CWC ONE MDF TO CONCOR D NODE	same pillar
Z-5	AM(BELAPUR)	CWC ONE	COPPER(PUF)	1	50	600	CWC ONE MDF TO M/S PUNJAB CONWARE D,NODE	same pillar
Z-5	AM(BELAPUR)	GDL ONE	COPPER(PUF)	1	100	800	GDL ONE MDF TO BALMERLAWRI D, NODE	DIRECT CABLE
Z-5	AM(BELAPUR)	GDL ONE	COPPER(PUF)	1	100	1200	GDL ONE MDF TO M/S GATEWAY DISTRI PARKS GFS, D,NODE	DIRECT CABLE
Z-5	AM(BELAPUR)	GDL ONE	COPPER(PUF)	1	50	200	GDL ONE MDF TO M/S HIND TERMINAL BHEENKHAL VILLAGE	DIRECT CABLE
Z-5	AM(BELAPUR)	GDL ONE	COPPER(PUF)	1	50	3700	GDL ONE MDF TO CWC DISTRI PARKS GFS, D,NODE	DIRECT CABLE
Z-5	AM(BELAPUR)	GDL ONE	COPPER(PUF)	1	50	2100	GDL ONE MDF TO CWC DISTRI PARKS GFS, D,NODE	DIRECT CABLE

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SURE TANUJ
 सहाय प्रबंधक-II/Asstt. Director-II
 कक्षा विद्युत विभाग/C.E.A.
 विद्युत मंत्रालय/Ministry of Power
 शक्ति भवन/Govt. of India
 नं. 10/11, New Delhi-60

Summary_MTNL Cable Details-220 KV DC UG cable from ULWE GIS- Waghiwali GIS
Transmission Line (9.0 KM)

ZONE/EXCH	Sum of No. of Cable	Sum of CABLE LENGTH (Mtr)	Sum of No of Pillars effected
Z-5	125	179889	376
AM(BELAPUR)	105	153639	322
CBD BELAPUR	18	29110	87
Kalamboli	15	10770	34
Kamothe	4	12200	23
KHARGHAR	6	20000	49
Nerul	18	12100	74
PANVEL	3	4700	9
Parsik Hill RSU	2	3000	5
SUKHKARTA	4	1600	20
Taloja	11	29700	12
Vanshree RSU	1	2000	5
SHEVA RSU	5	6949	2
JNCH RSU	5	4960	1
CWC CNE	9	9350	1
GDL CNE	4	7200	0
AM(VASHI)	20	26250	54
SANPADA	5	1500	26
TURBHE	15	24750	28
Grand Total	125	179889	376

IV less
than 430V



MTNL
असिस्टेंट सहायक निदेशक/Asstt. Director
केन्द्रीय विद्युत प्रशासन/ C.E.A.
विद्युत मंत्रालय/Ministry of Power
भारत सरकार/Govt. of India
नई दिल्ली/New Delhi-60

अनुलग्नक-II / ANNEXURE-II

CEA Case No.: MRA – 1186
Name of the Power line: 220 kV U/G XLPE cable from proposed Ulwe GIS S/S to Waghiwali GIS S/S.

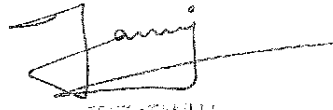
Map Scale : 1 cm=500 m
Total Length : 9 km
S.R. Value : 2,000 ohm-cm

S.No.	Telecom. Details	Length of Parallelism in Km.	Mutual Coupling in Ohms.	Effective Fault current in Amps.	I.V in Volts.
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..Central Railway: N.153/PTCC/220kV/MAH-797 Dated: 08.03.2022

Affected Blocks & Telecom Circuits Details

1	Vashi to Sanpada	Outside IV Consideration Zone			00
2	Sanpada to Jui Nagar	Outside IV Consideration Zone			00
3	Jui Nagar to Nerul	Outside IV Consideration Zone			00
4	Nerul to Seawoods	Outside IV Consideration Zone			00
5	Seawoods to Belapur	0.8	0.0001	9982	01
6	Belapur to Kharghar	2.9	0.0001	9990	01
7	Kharghar to Mansarovar	Outside IV Consideration Zone			00
8	Mansarovar to Khandeshwar	Outside IV Consideration Zone			00
9	Khandeshwar to Panvel	Outside IV Consideration Zone			00
10	Panvel to Kalamboli	Outside IV Consideration Zone			00
11	Kalamboli to Taloje	Outside IV Consideration Zone			00
12	Taloje to Nilaje	Outside IV Consideration Zone			00
13	Panvel to Somtane	Outside IV Consideration Zone			00
14	Panvel to Chikhli	Outside IV Consideration Zone			00
15	Panvel to Dapoli	Outside IV Consideration Zone			00
16	Dapoli to Jasai	3.1	0.0001	9989	01



Director-II
 सहायक निदेशक-II/Asst. Director-II
 केन्द्रीय विद्युत प्राधिकरण/C.E.A.
 विद्युत मंत्रालय/Ministry of Power
 भारत सरकार/Govt. of India
 नई दिल्ली/New Delhi-66

Tele : 23019746

(Annexure-III)

Directorate General of Signals
Signals 7
General Staff Branch
Integrated HQ of MoD (Army)
DHQ PO, New Delhi - 110011

MRA-1125


B/46937/Sigs 7(b)/2673/

(10 Jan 2022

Office of the Superintending Engineer,
Projects Schemes Department
Maharashtra State Electricity Transmission Co Ltd
"Prakashganga", Plot No C-19, 'E' Block,
Bandra - Kurla Complex, Bandra (East),
Mumbai-400051

**PTCC PROPOSAL FOR 220KV DC U/G CABLE LAYING FROM PROPOSED
ULWE GIS-WAGHIWALI GIS, LENGTH=9KMS**

1. Refer your letter No MSETCL/CO/PS/PTCC/In/B-583/No 06871 dt 17 Nov 2021 (copy att).
2. No Objection Certificate (NOC) is accorded based on inputs provided as per Map sheets received vide your letter mentioned above.
3. Documents alongwith map sheets (in original) are returned herewith for your further necessary action.


(Rakesh Kumar)
Lt Col
GSO 1 (Comn)
for SO-in-C

Enclosures : As above

Copy to :-

✓ The Director (PTCC), CEA
Power Communication Development Division
NRPC Complex, 18-A Shaheed Jeet Singh Marg
Katwaria Sarai, New Delhi - 110016

for information

The DET (PTCC), Northern Zone
O/c PGM (North), QA & Inspection Circle,
D-Tax Building, Eastern Court, Janpath
New Delhi-110001

