



आजादीक  
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

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के.वि.प्रा. केस सं.: MRA-1189: 1282-284
पी.टी.सी.सी. प्रस्ताव 220 kV U/G cable laying for LILO of one circuit of 220 kV D/C Kharghar to Borivali transmission line from LILO point (L. No. 48) to proposed 220 kV Mahape GIS, Navi Mumbai of M/s CTRLS Data Centre Ltd. : 1.65 km

सन्दर्भ:		
क्रमांक	सन्दर्भ सं.	दिनांक
(i)	MSETCL: MSETCL/CO/PS/PTCC/In/B-584/7053	25.11.2021
(ii)	BSNL: IC/MBI/PTCC/MRA-2522	03.03.2022
	MTNL: DGM(PLG)/PTCC-MSETCL/220KV DC UG/Mahape CTRLS/2021-22/1	27.01.2022
(iii)	Central Railway: N.153/PTCC/220kV/MAH-798	08.03.2022
(iv)	Defense: B/46937/Sigs 7(b)/2690	19.01.2022

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

राधेवेंडु शर्मा सिंह  
निदेशक 22.04.22

To,

1.	Divisional Engineer (PTCC), Western Zone	BSNL: Inspection Circle, 3 <sup>rd</sup> Floor, D-Wing, BSNL Admin Building, Juhu Tara Road, Santacruz (West), Mumbai-400054.	अनुलग्नक-I & अनुलग्नक-III
2.	Dy. CSTE/Telc	Central Railway; O/o Principal Chief Signal & Telecom Engineer, 3 <sup>rd</sup> 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



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

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CEA Case No.: MRA-1189 / 282 - 28A
PTCC proposal of 220 kV U/G cable laying for LILO of one circuit of 220 kV D/C Kharghar to Borivali transmission line from LILO point (L. No. 48) to proposed 220 kV Mahape GIS, Navi Mumbai of M/s CTRLS Data Centre Ltd. : 1.65 km

Reference:		
S. No.	Reference No.	Dated
(i)	MSETCL: MSETCL/CO/PS/PTCC/In/B-584/7053	25.11.2021
(ii)	BSNL: IC/MBI/PTCC/MRA-2522	03.03.2022
	MTNL: DGM(PLG)/PTCC-MSETCL/220KV DC UG/Mahape CTRLS/2021-22/1	27.01.2022
(iii)	Central Railway: N.153/PTCC/220kV/MAH-798	08.03.2022
(iv)	Defense: B/46937/Sigs 7(b)/2690	19.01.2022

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.

शुभम सुभाष (11 ई)  
22.04.22  
Director

To,			
1.	Divisional Engineer (PTCC), Western Zone	BSNL; Inspection Circle, 3 <sup>rd</sup> 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 <sup>rd</sup> 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

Summary\_MITNL Cable Details-220 KV DC UG cable from L110 (48) to proposed 220KV Mahape GIS over Kharghar Borivall Transmission Line for Ms CTRIS  
 NRA-1189; SR = 2,000 ΩCm; Length = 1.65 Km

Sr. No.	Zone	AREA MANAGER	Exch/RSU	CABLE TYPE	No. of Cable	Size of CABLE	CABLE LENGTH (Mtr)	LOCATION/ stretch
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1200	560	SEC-9, SEC-10 AND SEC-15
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1200	290	SEC-9
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1200	280	SEC-9A AND SEC-16
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	800	760	SEC-15
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1200	440	SEC-9 AND SEC-9A
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	550	SEC-9, SEC-9A, SEC-10, SEC-11 AND SEC-12
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1600	1200	SEC-18
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1200	1220	SEC-19
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1600	1200	SEC-19
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1200	290	SEC-9, SEC-9A AND SEC-10
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	750	SEC-14 AND SEC-15
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1600	1450	SEC-12, SEC-14 AND SEC-29
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1200	1250	SEC-14, SEC-28 AND SEC-29
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1200	160	SEC-14, SEC-15, SEC-16 AND SEC-16A
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1200	1350	SEC-18
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1200	160	SEC-14, SEC-15, SEC-16 AND SEC-16A
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1200	1200	SEC-14, SEC-15, SEC-16 AND SEC-29
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1600	550	SEC-9, SEC-9A, SEC-10 AND SEC-11
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1600	1200	SEC-19
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	1500	550	SEC-9, SEC-9A, SEC-10, SEC-10A, SEC-11, SEC-12 AND SEC-14
	Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	160	SEC-16 AND SEC-16A

Annexure-I

IV Less than 430V

Sr. No.	Zone	AREA MANAGER	Exht./RSU	CABLE TYPE	No. of Cable	Size of CABLE	CABLE LENGTH (Mtr)	LOCATION/ Street
Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	400	SEC-17	
Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	400	SEC-17	
Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	720	SEC-17	
Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	350	SEC-17	
Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	400	SEC-17	
Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	200	SEC-17	
Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	560	SEC-17	
Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	780	SEC-9, SEC-9A, SEC-10, SEC-11 AND SEC-12	
Z-5	AM(VASHI)	VASHI	PRIMARY	1	1600	1100	SEC-14, SEC-15, AND SEC-29	
Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	780	SEC-19	
Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	1500	SEC-15 AND SEC-28	
Z-5	AM(VASHI)	VASHI	PRIMARY	1	1600	1000	SEC-19 AND SEC-29	
Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	1000	SEC-14 AND SEC-29	
Z-5	AM(VASHI)	VASHI	PRIMARY	1	2000	1710	SEC-14 AND SEC-29	
Z-5	AM(VASHI)	VASHI	PRIMARY	1	800	1100	SEC-28	
Z-5	AM(VASHI)	SANPADA	PRIMARY	3	2000	1000	Zunke Bhakar, Opp Parisik Bank, Rd, Sec 4 Sanpada	
Z-5	AM(VASHI)	SANPADA	PRIMARY	2	2000	500	Golden Palace pillar, Sec 5 Sanpada	
Z-5	AM(VASHI)	VASHI RLY STN	PRIMARY	3	2000	1500	Bhumnraj Costarcarpalm beach rd, Sec 15 Sanpada	
Z-5	AM(VASHI)	VASHI RLY STN	PRIMARY	4	800	400	Center One Mall, Sec 30 Vashi	
Z-5	AM(VASHI)	VASHI RLY STN	PRIMARY	2	1600	650	Balaji Towers, Sec 30 Vashi	
Z-5	AM(VASHI)	VASHI RLY STN	PRIMARY	1	400	275	Havere Fantasia sec 30, vashi (direct)	
Z-5	AM(VASHI)	VASHI RLY STN	PRIMARY	3	300	150	Mahhijil BSEIL Tech Park sec 30, vashi (direct)	
Z-5	AM(VASHI)	VSI Sec 7	PRIMARY	3	2000	2000	Galaxy Building Sec 2 Vashi	
Z-5	AM(VASHI)	VSI Sec 7	PRIMARY	4	2000	600	F Type Market Sec 6 Vashi	

IV less than 43c

Sr. No.	Zone	AREA MANAGER	Each/RSU	CABLE TYPE	No. of Cable	Size of CABLE	CABLE LENGTH (Mtr)	LOCATION/ stretch
Z-5		AM(VASHI)	TURBHE	Primary	2	1,200	4000	Pawane MIDC
Z-5		AM(VASHI)	TURBHE	Primary	2	800	4000	Pawane MIDC
Z-5		AM(VASHI)	TURBHE	Primary	1	1200	2500	LP Junction shrome
Z-5		AM(VASHI)	TURBHE	Primary	1	400	1000	Gargi company midc TRB
Z-5		AM(VASHI)	TURBHE	Primary	1	2000	3000	Indira nagar
Z-5		AM(VASHI)	TURBHE	Primary	1	400	1500	Ambes and plastic MIDC TRB
Z-5		AM(VASHI)	TURBHE	Primary	1	1200	1800	Punit TRB store MIDC
Z-5		AM(VASHI)	TURBHE	Primary	1	400	500	Fish Market TRB
Z-5		AM(VASHI)	TURBHE	Primary	1	400	1000	Lubrizol midc
Z-5		AM(VASHI)	TURBHE	Primary	1	2000	4000	Khairne midc
Z-5		AM(VASHI)	TURBHE	Primary	1	400	500	Khairne midc Nr CETP Plopt
Z-5		AM(VASHI)	TURBHE	Primary	1	400	650	Khairne midc Nr NFDC cold storage
Z-5		AM(VASHI)	TURBHE	Primary	1	400	300	Khairne midc Nr HK Electrical
Z-5		AM(VASHI)	EL ZONE RSU	Primary	1	400	400	NR EL -87
Z-5		AM(VASHI)	EL ZONE RSU	Primary	1	400	1000	Global electronics EL Zone
Z-5		AM(VASHI)	EL ZONE RSU	Primary	1	400	200	Gold star EL zone
Z-5		AM(VASHI)	EL ZONE RSU	Primary	1	400	150	Near EL Zone RSU
Z-5		AM(VASHI)	EL ZONE RSU	Primary	1	1200	400	EL Zone EL-87
Z-5		AM(VASHI)	EL ZONE RSU	Primary	1	2000	200	Nelco EL zone
Z-5		AM(VASHI)	Rabale	Primary	1	1200	650	Nr goandevi Mandir, Opp R-855, Gotihvali Goan
Z-5		AM(VASHI)	Rabale	Primary	1	1200	500	Deeptri, Bhushan hotel, Ghansoli Sect-6
Z-5		AM(VASHI)	Rabale	Primary	1	1200	650	Bhindal Society, Patel Dairy
Z-5		AM(VASHI)	Rabale	Primary	1	1200	800	Reliance Gate No-7, DAV School Parvat Society

IV Less than 430L

Sr. No.	Zone	AREA MANAGER	Exch/RSU	CABLE TYPE	No. of Cable	Size of CABLE	CABLE LENGTH (Mtr)	LOCATION/ Stretch
Z-5	AM(VASHI)	Rabale	Primary	1	2000	550	Airoli Circle, Dominoz Pizza	
Z-5	AM(VASHI)	MBP	Primary	3	200	500		
Z-5	AM(VASHI)	MBP	Primary	1	1200	500		
Z-5	AM(VASHI)	MBP	Primary	1	400	300	Jhunka bhakar, pillar no 0312	
Z-5	AM(VASHI)	MBP	Primary	1	400	100	pillar no-0314, near A/781	
Z-5	AM(VASHI)	MBP	Primary	1	400	20	Repro pillar, near Repro company	
Z-5	AM(VASHI)	MBP	Primary	1	400	100	Sector -3, pillar 10103	
Z-5	AM(VASHI)	MBP	Primary	1	400	315	Ramada pillar-10102, near Ramada hotel	
Z-5	AM(VASHI)	MBP	Primary	1	400	50	MIDC pillar-10104, Near MIDC office.	
Z-5	AM(VASHI)	MBP	Primary	1	400	1000	Graden pillar-near, A 220	
Z-5	AM(VASHI)	MBP	Primary	1	400	1000	The pillar, near A412	
Z-5	AM(VASHI)	MBP	Primary	1	400	1000	shiv kripa pillar, Shiv kripa hotel	
Z-5	AM(VASHI)	MBP	Primary	1	400	500	Technoody pillar, near Technoody, under bridge	
Z-5	AM(VASHI)	MBP	Primary	1	800	104	MBP to Ashivad hotel, pillar no-0101	
Z-5	AM(VASHI)	MBP	Primary	1	800	1458	MBP to Hexaware, MBP	
Z-5	AM(VASHI)	MBP	Primary	1	800	2270	MBP to Fire station	
Z-5	AM(VASHI)	APMC	Primary	5	2000	5000	Janta Market Sec-22, Sec-15E and Sec26	
Z-5	AM(VASHI)	APMC	Primary	4	2000	2400	Sec-24 & Sec 19	
Z-5	AM(VASHI)	KKR	Primary	6	2000	6000	Sector-1, 2, 3, 4, 14, 16, 17, 18, 19, 20, 22, 23	
Z-5	AM(VASHI)	KKR	Primary	4	2000	2400	Sector- 4, 5, 6, 7, 8, 11, 12, 19C	
Z-5	AM(VASHI)	KKR	Primary	1	1600	1200	Sector 9, 10, 11	
Z-5	AM(VASHI)	KKR	Primary	1	1600	600	BALAJI GARDEN	
Z-5	AM(VASHI)	AIROLI	PRIMARY	1	2000	1700	Sec1	

IV less than 430V

Sr. No.	Zone	AREA MANAGER	Exch/RSU	CABLE TYPE	No. of Cable	Size of CABLE	CABLE LENGTH (Mtr)	LOCATION/ stretch
Z-5	AM(VASHI)	AIROLI	AIROLI	PRIMARY	1	2000	800	sec3
Z-5	AM(VASHI)	AIROLI	AIROLI	PRIMARY	1	2000	435	sec4
Z-5	AM(VASHI)	AIROLI	AIROLI	PRIMARY	1	2000	2500	sec5
Z-5	AM(VASHI)	AIROLI	AIROLI	PRIMARY	1	2000	1800	sec15
Z-5	AM(VASHI)	AIROLI	AIROLI	PRIMARY	1	2000	2900	Digha
Z-5	AM(BELAPUR)	Nerul	Nerul	Primary	2	2* 2000 PUF/0.4	2000	SHIRVANEGAON, SEC 1, 2, DY. PATIL HOSPITAL
Z-5	AM(BELAPUR)	Nerul	Nerul	Primary	2	2* 2000 PUF/0.4	3000	SEC 2, SEC 23, 24, 25 JUNAGAR
Z-5	AM(BELAPUR)	Nerul	Nerul	Primary	2	2* 2000 PUF/0.4	1800	SEC 4, SEC 6, PALM BEACH SIDE ROAD
Z-5	AM(BELAPUR)	Nerul	Nerul	Primary	3	3* 2000 PUF /0.4, 1*1600 PUF/0.5	1200	SEC 9, SEC 11, SEC 15 ARMY COLONY
Z-5	AM(BELAPUR)	Nerul	Nerul	Primary	4	4* 2000 PUF /0.4	1000	SEC 19, SEC 21, SEC 23
Z-5	AM(BELAPUR)	Nerul	Nerul	Primary	2	2* 2000 PUF /0.4	1600	SEC 27 PROGRESSIVE SCHOOL
Z-5	AM(BELAPUR)	Nerul	Nerul	Primary	3	3* 2000 PUF/0.4	1500	SEC 20, SEC 28 NERUL WEST GAON
Z-5	AM(BELAPUR)	KHARGHAR	KHARGHAR	Primary	1	2000/0.4 JF (L1), 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
Z-5	AM(BELAPUR)	KHARGHAR	KHARGHAR	Primary	1	2000	500	KGR Exch to Sec3, Sec7, Sec4, Sec1, Sec5 & Sec6 KGR serving P0303/P0306/P0305/P0210/P0209/P0501/P0502
Z-5	AM(CHABAI)	NMUM	NMUM	Primary	1	2000	1000	Munbtra English School.
Z-5	AM(CHABAI)	NMUM	NMUM	Primary	1	2000	1700	Dagha Rd, Parsik Tunnel, Mumbhadevi Rd, MEK company
Z-5	AM(CHABAI)	NMUM	NMUM	Primary	1	2000	1700	Mithal ground, Bhuvanudin Hospital, Canara Bank
Z-5	AM(CHABAI)	NMUM	NMUM	Primary	1	2000	1000	Shankar Mandir, Police station
Z-5	AM(CHABAI)	KAUSA	KAUSA	Primary	1	2000	900	Kedar Palace, Talao palli
Z-5	AM(CHABAI)	KAUSA	KAUSA	Primary	1	2000	1000	Pipe compound, Nasheman, Wala park, tanwar complex, Sainik Nagar, Virani Petrol
Z-5	AM(CHABAI)	Riverwood	Riverwood	PRIMARY	1	2000	400	Shadi mahal rd, Gulab park, Khadja Hall, Dost Apartment, Kaberisthan, Kandar building, Rwood park, Nr Rwood builder office, Desai Bar

IV less than 4301

Director-II  
Asstt. Director-II  
C.E.A.  
Mumbai

*[Handwritten signature]*

MRA-11B9 ; SR = 2,000 sq ; Total Leng<sup>m</sup> = 1.65 km

Summary\_MTNL Cable Details-220 KV DC UG cable from LILO (48) to proposed 220KV Mahape GIS over Kharghar Borivali Transmission Line for Ms CTRLS Data Centre(1.65 KM)

ZONE/EXCH	Sum of No. of Cable	Sum of CABLE LENGTH (Mtr)	Sum of No. of Pillars effected
Z-5	158	127548	495
AM(BELAPUR)	20	18600	88
KHARGHAR	2	6500	14
Nerul	18	12100	74
AM(VASHI)	130	100748	369
APMC	9	7400	36
EL ZONE RSU	6	2350	6
KKR	12	10200	41
MBP	17	9218	12
Rabaie	5	3150	14
SANPADA	5	1500	26
TURBHE	15	24750	28
VASHI	34	25470	156
VASHI RLY STN	13	2875	10
VMART	1	1100	3
VSI Sec 7	7	2600	15
AIROLI	6	10135	22
AM(CHARAI)	8	8200	38
KAUSA	3	2900	22
NMUM	4	4900	18
Riverwood	1	400	3
Grand Total	158	127548	495

IV less than 430V

*Jai*

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



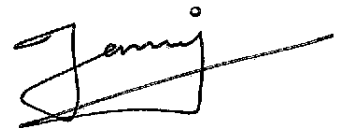
**अनुलग्नक-II / ANNEXURE-II**

<b>CEA Case No.: MRA – 1189</b>					
<b>Name of the Power line:</b> 220 kV U/G cable laying for LILO of one circuit of 220 kV D/C Kharghar to Borivali transmission line from LILO point (L. No. 48) to proposed 220 kV Mahape GIS, Navi Mumbai of M/s CTRLS Data Centre Ltd.		<b>Map Scale</b> : 1 cm=500 m <b>Total Length</b> : 1.65 km <b>S.R. Value</b> : 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.

Central Railway: N.153/PTCC/220kV/MAH-798 Dated: 08.03.2022

**Affected Blocks & Telecom Circuits Details**

1	Mankhurd to Vashi	Outside IV Consideration Zone			00
2	Vashi to Sanpada	Outside IV Consideration Zone			00
3	Sanpada to Jui Nagar	Outside IV Consideration Zone			00
4	Jui Nagar to Nerul	Outside IV Consideration Zone			00
5	Nerul to Seawoods	Outside IV Consideration Zone			00
6	Seawoods to Belapur	Outside IV Consideration Zone			00
7	Belapur to Kharghar	Outside IV Consideration Zone			00
8	Thane to Airoli	Outside IV Consideration Zone			00
9	Aioli to Rabale	Outside IV Consideration Zone			00
10	Rabale to Ghansoli	Outside IV Consideration Zone			00
11	Ghansoli to Kopar Khairane	0.3	0.0001	9890	01
12	Kopar Khairane to Turbhe	0.4	0.0001	9992	01
13	Turbhe to Sanpada	Outside IV Consideration Zone			00
14	Kalamboli to Taloje	Outside IV Consideration Zone			00
15	Taloje to Nilaje	Outside IV Consideration Zone			00
16	Nilaje to Dativali Cabin	Outside IV Consideration Zone			00
17	Dativali Cabin to Diva	Outside IV Consideration Zone			00



तनुज / TANUJ  
 सहायक निदेशक-II / Asstt. 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

अनुलग्नक-III / Annexure-III MRA-1189

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


B/46937/Sigs 7(b)/2690/

19 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 LILO POINT  
(L.NO 48) TO PROPOSED 220KV MAHAPE GIS, LILO ON ONE OF CKTS OF  
EXISTING 220KV KHARGHAR-BORIVALI DC LINE AT PROPOSED 220KV  
MAHAPE GIS, NAVI MUMBAI OF M/S CTRLS DATA CENTRE LTD,  
LENGTH=1.65KMS**

1. Refer your letter No MSETCL/CO/PS/PTCC/In/B-584/No 07053 dt 25 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.

  
(Suresh Pal Choyal)  
Lt Col  
GSO 1 (Coord)  
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/o PGM (North), QA & Inspection Circle,  
D-Tax Building, Eastern Court, Janpath  
New Delhi-110001

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1.2.22