



महाराष्ट्र शासन
वन विभाग

मुख्य वनसंरक्षक, (प्रादेशिक) पुणे यांचे कार्यालय,
वनभवन, भांबुर्डा वनविहार, गोखलेनगर-411016

दुरध्वनी क्रमांक - 020-25664182/83

ई-मेल- ccftpune@gmail.com/ccftpune@mahaforest.gov.in

जा-कक्ष.क्र.4/4((2/जमिन/FCA-290/315 /2022-23

पुणे-411 016, दिनांक - 03 / 01 / 2023.

प्रति,

अपर प्रधान मुख्य वनसंरक्षक व
केंद्रस्थ अधिकारी, म. रा. नागपूर.

विषय— Diversion of 17.25 ha. forest land in favour of MSERCL, Pune for Construction of proposed 400 KV D/C line from 400 KV Jejuri substation of proposed KV Hinjewadi substation in Pune District in the State of Maharashtra- reg.

- संदर्भ- 1. आपलेकडील पत्र क्र.कक्ष-17/नोडल/पुणे/आयडी-12824(21)/259/2022-23, दि.04.05.2022. —A
2. उपवनसंरक्षक, पुणे यांचेकडील पत्र क्र.अ/कक्ष-4/2/जमीन/286/2022-23, दि. 30.12.2022. —B

विषयांकित प्रस्तावामध्ये 5 त्रुटी उपस्थित करून संदर्भ क्र.1 चे पत्र या कार्यालयास प्राप्त झाले आहे. प्रकरणी 1 ते 5 त्रुटींची पूर्तता करून पूर्तता अहवाल सादर करणेबाबत सदर पत्रात नमूद केले आहे.

प्रकरणी संदर्भ क्र.1 मध्ये नमूद 1 ते 5 त्रुटींची पूर्तता करून उपवनसंरक्षक, पुणे यांनी संदर्भ क्र.2 अन्वये पूर्तता अहवाल अनुषंगिक दस्तऐवजांसह या कार्यालयास सादर केला आहे.

उपवनसंरक्षक, पुणे यांनी या कार्यालयास सादर केलेल्या त्रुटीपूर्णता अहवालाची प्रत अनुषंगिक दस्तऐवजांसह यासोबत जोडून सादर करण्यात येत आहे. तरी विषयांकित प्रस्ताव यशोचित मार्गाने शासनास सादर होणेस विनंती.

सोबत — वरीलप्रमाणे

File
02/01/2023
OK
02/01

Prd 3/1
(एन.आर.प्रवीण)
मुख्य वनसंरक्षक (प्रा.), पुणे.

प्रत- उपवनसंरक्षक, पुणे यांना माहिती व आवश्यक कार्यवाहीसाठी.

प्रत- कार्यकारी अभियंता, ईएचव्ही कन्स्ट्रक्शन, डिक्लीजन-2, एम.एस.ई.टी.सी.एल., पुणे यांना माहितीसाठी.



महाराष्ट्र शासन

उपवनसंरक्षक, पुणे वनविभाग, पुणे
सेनापती बापट मार्ग, पुणे 411 004

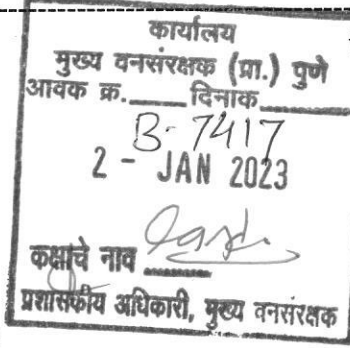
दूरध्वनी - 020 2566 0593

ई-मेल - dycfpune@gmail.com

क्रमांक:- अ/कक्ष-4-2/जमीन/ 286 /2022-23

पत्र
प्रति,

✓ मा.मुख्य वनसंरक्षक,(प्रा.),
पुणे.



दिनांक :- 30 / 12 / 2022

विषय:- Forest Land-Pune (Area-17.25 Ha.)

Diversion of 17.25 ha in Pune Division and Bhore Sub division forest area for construction of proposed 400 kv D/C line from 400 kv Jejuri S/S to proposed 400 kv Hinjewadi S/S in the state of Maharashtra (FP/MH/TRANS/9859/2015)

- संदर्भ:- 1) केंद्र शासनाकडील पत्र क्रं.FC-II/MH-159/2021-NGP/8158,dt.14.06.2021.
2) या कार्यालयाचे पत्र क्रं.अ/कक्ष-4-2/जमीन/10/2022-23,दि.07/04/2022.
3) अपर प्रधान मुख्य वनसंरक्षक व केंद्रस्थ अधिकारी,म.रा.नागपूर यांचेकडील पत्र क्रं.कक्ष-17/नोसेल/पुणे / आयडी - 12824(21)/259/2022-23,दि.04.05.2022.
4) आपणाकडील पत्र क्रं.ब/कक्ष-4/4(2)/जमीन/एफसीए-290/2022-23/172,दि.16.06.2022.
5) कार्यकारी अभियंता,अउदा विभाग-2,पुणे यांचेकडील पत्र क्रं.काअ/अउदा/प्रकल्प विभाग-2/पुणे/ नं.00776, दि.10.08.2022.
6) या कार्यालयाचे पत्र क्रं.ब/कक्ष-4-2/जमीन/570/2022-23,दि.31/10/2022.

उपरोक्त विषयांकित प्रकरणी उपरोक्त संदर्भित पत्र क्रं.1 अन्वये उपस्थित मुद्यांबाबत तृटी पुर्तता अहवाल या कार्यालयाचे उपरोक्त संदर्भित पत्र क्रं.2 अन्वये आपणामार्फत वरीष्ठ कार्यालयास सादर करण्यात आलेला आहे. प्रकरणी उपरोक्त संदर्भित पत्र क्रं.3 अन्वये 1 ते 5 तृटी उपस्थित करून तृटी पुर्तता अहवाल सादर करणेबाबत कळविण्यात आलेले आहे .

उपस्थित तृटींचे संदर्भात प्रकल्प यंत्रणा यांनी त्यांचेकडील पत्र क्रं.5 अन्वये तृटी पुर्तता अहवाल या कार्यालयास सादर करण्यात आलेला असता या कार्यालयाचे उपरोक्त संदर्भित पत्र क्रं.6 अन्वये सदर तृटी मधील तृटी क्रं. 1 व 5 ची पुर्तता उपस्थित तृटी नुसार केल्याचे दिसून येत नाही असे कळविण्यात आलेले आहे.

प्रकरणी प्रकल्प यंत्रणा यांनी निम्नस्वाक्षरी कर्ते यांचे दालनात दिनांक 29.12.2022 रोजी उपस्थित राहून त्यांनी उपरोक्त संदर्भित पत्र क्रं.5 अन्वये सादर करण्यात आलेला तृटी पुर्तता अहवाल वरीष्ठ कार्यालयास पाठविण्याबाबत केलेल्या विनंतीनुसार प्रकल्प यंत्रणा यांनी सादर केलेला तृटी पुर्तता अहवाल खालील प्रमाणे सादर करण्यात येत आहे.

तृटी क्रं.	उपस्थित तृटी	तृटी पुर्तता अहवाल
1	केंद्र शासन पत्रातील मुददा क्रमांक 1 च्या अनुषंगाने वळतीकरण क्षेत्राची KML	प्रकल्प यंत्रणा यांनी उपरोक्त संदर्भित पत्र क्रं.5 अन्वये सादर केलेनुसार 3 प्रतीत KML File CD सादर करण्यात येत आहे.

	File त्यावर Forest and Non-Forest क्षेत्र वेगवेगळ्या रंगाने दर्शवून KML File CD सादर करण्यात आलेली नाही.	
2	प्रस्तावात 5832 ऐवढी वृक्ष तोड प्रस्तावित आहे परंतु Online Parivesh Portal Part-II मध्ये प्रस्तावित वृक्ष तोडीच्या संख्येत ताळमेळ जूळत नाही. सुधारणा करण्यात यावी.	Online Parivesh Portal Part-II मध्ये 5832 प्रस्तावित वृक्षतोड दर्शविण्यात आलेली असून Online Parivesh Portal Part-II ची प्रत 3 प्रतीत सोबत जोडली असे.
3	FRA,2006 अंतर्गत प्रकल्प यंत्रणेचे हमीपत्र सादर करण्यात आलेले नाही.	प्रकल्प यंत्रणा यांनी उपरोक्त संदर्भित पत्र क्रं.5 अन्वये कळविण्यात आलेले नुसार, FRA Certificate already त्यांचे कार्यालयाकडून अगोदरच undertaking submit केले आहे तसेच GOI, MoEF (FC Division) दि.03.12.2020 पत्रानुसार FRA is not required for consideration of in principal approval नमुद करून सोबत FRA Certificate साठी undertaking submit केले आहे
4	Cross Section Map सादर करण्यात आलेले नाही.	प्रकल्प यंत्रणा यांनी उपरोक्त संदर्भित पत्र क्रं.5 अन्वये सादर केलेला Cross Section Map 3 प्रतीत सादर करण्यात येत आहे.
5	KML file of alternative alignment examined by the User Agency सादर करण्यात आलेली नाही.	प्रकल्प यंत्रणा यांनी उपरोक्त संदर्भित पत्र क्रं.5 अन्वये सादर केलेनुसार KML file of alternative alignment examined by the User Agency 3 प्रतीत सादर करण्यात येत आहे.

वरीलप्रमाणे त्रुटी पूर्तता अहवाल पुढील उचित कार्यवाहिसाठी सादर करण्यात येत आहे.सोबत - वरीलप्रमाणे.



(राहुल पाटील,भा.व.से)

उपवनसंरक्षक,

पुणे वनविभाग,पुणे

प्रतिलिपी:- कार्यकारी अभियंता,अउदा बांधकाम विभाग-2,पुणे, प्रशासकिय इमारत,1 मजला,925, कसबा पेठ, जुना बाजार रोड,पुणे-411 011 ई-मेल-ee6620@mahatransco.in यांना माहिती व उचित कार्यवाहिसाठी अग्रेषित.

प्रत :- सहाय्यक वनसंरक्षक,(सांख्यिकी) पुणे यांचेकडे वरीलप्रमाणे माहिती व पुढील उचित कार्यवाहिसाठी अग्रेषित.

प्रत :- वनपरिक्षेत्र अधिकारी,पौड यांना माहिती व पुढील उचित कार्यवाहिसाठी रवाना.

MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.

CIN No.U40109MH2005SGC153646

कार्यकारी अभियंता, अति उच्च दाब प्रकल्प विभाग.२, पुणे

प्रशासकीय इमारत, १ला मजला, ९२५, कसबा पेठ, जुना बाजार रोड, पुणे - ४११ ०११

संपर्काचा नंबर : फोन नंबर - २४५७०६७६(का.) / फॅक्स नंबर - २४५७०५२५

E-Mail Id : ee6620@mahatransco.in

जावक क्र. काअ/अउदा/प्रकल्प विभाग-२/पुणे/

दिनांक : 10 AUG 2022

प्रति,

**मा. उपवनसंरक्षक,
वनविभाग, पुणे.**

Sub :- Forest Land Pune (Area-17.25 Ha.)

Diversion of 17.25 ha. in Pune Division and Bhore Sub division forest area for construction of proposed 400 kV D/C line from 400 kV Jejuri S/S to proposed 400 kV Hinjewadi S/S in the state of Maharashtra (FP/MH/TRANS/9859/2015).

Ref :- १. अपर प्रधान मुख्य वनसंरक्षक व केंद्रस्थ अधिकारी, म. रा. नागपूर यांचेकडील पत्र क्रं.

कक्ष-१७/नोडल /२/आयडी -१२८२४/६२६/२०२०-२१, दि. १५.१०.२०२०.

**२. मुख्य वनसंरक्षक, (प्रा.) पुणे यांचेकडील पत्र क्रं.अ/कक्ष-४/४/(२)/जमीन
/एफसीए-२९०/२०२०-२१/१९७ दि. २७.१०.२०२०.**

**३. उपविभागीय वनअधिकारी भोरे यांचे पत्र क्रं. ब/कक्ष -४,४(२) जमीन /२०२१ भोरे पत्र क्रं. ८८७, दि.
०३.११.२०२०.**

४. आपणाकडील पत्र क्रं. काअ/अउदा/बांवि-२/पुणे/तांत्रिक/७२९ दि. २१.१२.२०२०.

५. या कार्यालयाकडील पत्र क्रं. अ/कक्ष-४-२/जमीन/१७४/२०२१-२२ दि. १८.०२.२०२१.

६. केंद्र शासनाकडील पत्र क्रं. FC-II/MH-159/2021-NGP/8158 दि. १४.०६.२०२१.

७. अपर प्रधान मुख्य वनसंरक्षक व केंद्रस्थ अधिकारी, म.रा.नागपूर यांचेकडील पत्र क्रं.

कक्ष-१७/NC/II/ID-12824(21) /392/2021-22 Dt. 28.06.2021.

८. मुख्य वनसंरक्षक, (प्रा.) पुणे यांचेकडील पत्र क्रं. अ/कक्ष ४,४(२)

जमीन/एफसीए-२९०/२०२१-२२/२५३ दि. २२.०७.२०२१.

९. आपणाकडील पत्र क्रं. अ.का.अ. /स.व.अ./उपविभाग-२/पुणे/१५३ दि. २४.०८.२०२१.

१०. या कार्यालयाचे पत्र क्रं. ब/कक्ष -४-२/जमीन/४०६/२०२१-२२ दि. २३.०९.२०२१.

११. आपणाकडील पत्र क्रं. Addl.EE/S & I/S/Dn-II/Pune/T/173 Dt. 27.09.2021.

१२. FC-II/MH-159/2021-NGP/8158 Dt. 14.06.2021.

१३. ब/कक्ष-४-२/जमीन/४५७ दि. १३.१०.२०२१.

१४. आपणाकडील पत्र क्रं. काअ/अउदा/बांवि-२/पुणे/तांत्रिक/७४२ दि. ११.११.२०२१.

१५. या कार्यालयाकडील पत्र क्र. का. अ. /अउदा/बांवि-२/पुणे/तांत्रिक/०५८ दि. २१.०१.२०२२.

**१६. अपर प्रधान मुख्य वनसंरक्षक व केंद्रस्थ अधिकारी, म.रा. नागपूर यांचेकडील पत्र क्र. कक्ष - १७/
नोडल /पुणे /आयडी - १२८२४(२१)/२५९/२०२२-२३ दि. ०४.०५.२०२२.**

१७. क्र. ब/कक्ष-४-२/जमीन/३५७ दि. २६.०७.२०२२.

महोदय,

वरील विषयांस अनुसरून आपल्या कार्यालयाकडील संदर्भीय पत्र क्र. १७ नुसार उपस्थित केलेल्या त्रुटीची पुर्तता खालील प्रमाणे ३ प्रती मध्ये सादर करण्यात येत आहे.

त्रुटी	पुर्तता
1. केंद्र शासनाकडील पत्र क्र. FC-II/MH-159/2021-NGP/8158 दि. १४.०६.२०२१ च्या अनुषंगाने वळतीकरण क्षेत्राची KML file त्यावर Forest and non forest क्षेत्र वेगवेगळ्या रंगाने दर्शवून KML file CD सादर करण्यात आलेली नाही.	पत्रासोबतच्या सी.डी. मध्ये वनक्षेत्र तपशीलप्रमाणे दर्शविले आहे तसेच KML फाईल मध्ये प्रस्तावित लाईन ही एकमुख KML Polygone वर दर्शविले असून त्यात Forest & Non Forest चे क्षेत्र Polygone ने दाखविले आहे.
2. प्रस्तावित ५८३२ ऐवढी वृक्ष तोड प्रस्तावित आहे परंतु Online Parivesh Portal Part – II मध्ये प्रस्तावित वृक्ष तोडीच्या संख्येत ताळमेळ जुळत नाही. सुधारणा करण्यात यावी.	सदर त्रुटी आपल्या कार्यालयाकडील पूर्ण करणे अपेक्षित आहे.
3. FRA, 2006 अंतर्गत प्रकल्प यंत्रणेचे हमीपत्र सादर करण्यात आले आलेले नाही.	FRA Certificate already या कार्यालयाकडून अगोदरच undertaking submit केले आहे तसेच GOI, Moef (FC Division) दि. ०३.१२.२०२० पत्रानुसार FRA is not required for consideration of in principal approval (पत्र सोबत जोडले आहे) या पत्रासोबत पुनश्च: एकदा FRA Certificate साठी undertaking submit करीत आहोत.
4. Cross sectional Map सादर करण्यात आले आलेले नाही.	पत्रासोबत Cross sectional Map जोडले आहेत.
5. KML file of alternative alignment examined by the User Agency सादर करण्यात आलेले नाही.	1- KML file Polygon स्वरूपात दर्शविण्यात आलेले आहेत. तसेच त्यामध्ये Non - Forest व Properties दर्शविण्यात आलेले आहे.

तरी उपरोक्त त्रुटी पुर्तता अहवाल वरील प्रमाणे ३ प्रतीमध्ये आपल्या कार्यालयास पुढील कार्यवाहीसाठी सादर करीत आहोत.

(वि. दा. भुजबळ)

कार्यकारी अभियंता

अउदा प्रकल्प विभाग - २ पुणे

प्रत सविनय सादर :- अति. कार्यकारी अभियंता, सर्वेक्षण व अन्वेक्षण उपविभाग - २ पुणे.

सोबत :- वरीलप्रमाणे.

PART-II

(To be filled by the concerned Deputy Conservator of Forest)

State Serial No. of proposal : MH-025/2015

1. Location of the project/Scheme : Maharashtra

- (i) State / Union Territory : Maharashtra
(ii) District : Pune
(iii) Forest Division : Bhore,Pune
(iv) Area of forest land proposed for diversion (in ha.) : 17.25
(v) Category of the Proposal: Transmission Line

2. Legal status of forest land proposed for diversion :

S. No.	Division	Forest Land(ha.)	Legal Status
1	Pune	1.656	Reserved Forest
2	Pune	10.764	Protected Forest
3	Bhor	4.83	Reserved Forest
Total		17.25	

Division 1. : Bhor

3. District wise area to be diverted in the division :

S. No.	District	Area(in ha.)
NIL		

4. Details of Vegetation available in the forest land proposed for diversion :**(i) Density of vegetation**

S. No.	Area(in ha.)	Density	Eco-Class
1	4.83	0.6	Eco 2
Total.	4.83		

(ii) Species-wise local/scientific names and girth-wise enumeration of trees at FRL :

S. No.	Scientific Name	Local Name	(0-30)cm.	(31-60)cm.	(61-90)cm.	(91-120)cm.	(121-150)cm.	(>150)cm.
1	Zizyphus Jujuba	Bor	0	1	0	0	0	0
2	Tamarindus Indica	Chinch	1	0	0	0	0	0
3	Myristica Fragrance	Jaifal	0	2	0	0	0	0
4	Others	Mogari	17	12	0	0	0	0
5	Others	Salfal	45	55	4	1	0	0
6	Tectona Grandis	Saag	44	71	5	0	0	0
7	Anona Squamosa	Dhavada	132	19	1	0	0	0
8	Others	Umber	0	0	1	0	0	0
9	Grevia Robusta	Temburni	1	5	0	0	0	0
10	Terminalia Tomentosa	Ain	2	2	0	0	0	0
11	Gliricidia Maculata	Gliricidia	30	55	3	0	0	0
12	Others	Pangara	1	1	0	0	0	0
13	Others	Charam	1	0	0	0	0	0
14	Others	Suir	3	4	2	0	0	0
15	Others	Kalamb	0	0	0	1	0	0
16	Others	Ran Bhendi	0	1	0	0	0	0
17	Others	Bibai	0	1	0	0	0	0
18	Others	Dhaman	0	5	0	0	0	0

19	Others	Nilgiri	5	2	0	0	0	0
20	Others	Shindi	0	1	0	0	0	0
21	Mangifera Indica	Amba	0	1	0	0	0	0
22	Others	Mungir	1	0	0	0	0	0
23	Syzgium Cumini	Jamun	1	1	0	0	0	0
24	Others	Varas	0	2	0	0	0	0
25	Azadirachta Indica	Kadu Nimb	1	0	0	0	0	0
26	Others	Bilwa	1	2	0	0	0	0
27	Bombax Ceiba	Savar	0	1	0	0	0	0
28	Others	Ghorapadi	2	1	0	0	0	0
29	Others	Ritha	6	3	0	0	0	0
30	Others	Dhotadi	1	0	0	0	0	0
31	Bauhinia Parviflora	Apta	2	0	0	0	0	0
32	Others	Dokhandi	1	0	0	0	0	0
33	Others	Bel	2	1	0	0	0	0
34	Abies Alba	Ghotawadi	0	0	0	0	0	0
Total			300	249	16	2	0	0
Sub Total (No of Trees.)			567					

5. Working plan prescription for the forest land proposed for diversion : No Data

6. Brief note on vulnerability of the forest area to erosion : No, The area is not prone to the erosion

7. Approximate distance of the proposed site for diversion from boundary of forest (in km.) : 0

8. Significance of the forest land proposed for diversion from wildlife point of view :

(i). Details of wildlife present in and around the forest land proposed for diversion : No

(ii). Whether forms part of national park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, wildlife migration corridor etc. : No

(iii). Whether the forest land proposed for diversion is located within eco-sensitive zone (ESZ) of the Protected Area notified under Wildlife (Protection) Act, 1972 (Note: In case, ESZ of a Protected Area is not notified, then, 10 kms distance from boundary of the Protected Area should be treated as ESZ): No

(iv). Whether any national park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, wildlife migration corridor etc., is located within 1 Km. from boundary of the forest land proposed for diversion : No

(v). Whether any rare/endangered/unique species of flora and fauna found in the area : No

9. Details of any protected archaeological/heritage site/defence establishment or any other important monument located in the area, if any :

(i). Whether any protected archaeological/heritage site/defence establishment or any other important monument is located in the area : No

10. Comment as to the reasonability of the extent of the forest land proposed for diversion :

(i). Whether the requirement of forest land as proposed by the user agency is unavoidable and bare minimum for the project : Yes

11. Details of violation(s), if any, committed :

(i). Whether any work in violation of the Act or guidelines issued under the Act has been carried out : No

12. Whether work in violation is still in progress (Yes/No) : No Data

13. Details of compensatory afforestation scheme :

(i). Patch wise details for Degraded Area (To be earmarked by DFO)

(i). Total Financial Outlay for C.A (lacs): 228.46

Patch Wise Details						
S.no	Patch No.	Area (ha.)	Name of PF/RF	Range	Compartment No	Uploaded KML file of patch

1	1	34.50	RF	Daund	patas	View file
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(ii). Copy of CA scheme details:

(iii). Scanned copy of the Geo-referenced map of the forest land proposed for C.A. prepared by using DGPS or Total Station:

(iv). Copy of Survey of India Toposheet indicating boundary of forest land proposed for C.A.:

(v). Copy of NOC from Competent Authority :

Additional information Details :

S. No.	Documents	Remarks
NIL		

Division 2. : Pune

3. District wise area to be diverted in the division :

S. No.	District	Area(ha.)
1	Pune	17.25
Total		17.25

4. Details of Vegetation available in the forest land proposed for diversion :

(i) Density of vegetation

S. No.	Area(in ha.)	Density	Eco-Class
1	12.42	0.4	Eco 3
Total.	12.42		

(ii) Species-wise local/scientific names and girth-wise enumeration of trees at FRL :

S. No.	Scientific Name	Local Name	(0-30)cm.	(31-60)cm.	(61-90)cm.	(91-120)cm.	(121-150)cm.	(>150)cm.
1	Misc. Species	Ain	364	324	12	0	0	0
2	Misc. Species	Akel	2	3	0	0	0	0
3	Misc. Species	Apta	4	1	0	0	0	0
4	Misc. Species	Asana	5	10	0	0	0	0
5	Misc. Species	Aund	8	12	0	0	0	0
6	Misc. Species	Awala	11	14	0	0	0	0
7	Misc. Species	Babhul	37	36	1	0	0	0
8	Misc. Species	Badam	1	0	0	0	0	0
9	Misc. Species	Bera	0	2	0	0	0	0
10	Misc. Species	Bhaura	0	2	0	0	0	0
11	Misc. Species	Biba	2	14	0	0	0	0
12	Misc. Species	Bilwa	11	24	5	0	0	0
13	Misc. Species	Bor	0	1	0	0	0	0
14	Misc. Species	Char	3	12	0	0	0	0
15	Misc. Species	Charule	4	10	0	0	0	0
16	Misc. Species	Chilar	1	2	0	0	0	0
17	Misc. Species	Chinch	0	1	1	0	0	0
18	Misc. Species	Devan	4	3	0	0	0	0
19	Misc. Species	Dhaman	81	78	7	0	0	0
20	Misc. Species	Dhavadu	100	86	5	0	0	0
21	Misc. Species	Dhavan	2	0	0	0	0	0
22	Misc. Species	Gawada	7	2	0	0	0	0
23	Misc. Species	Ghoti	13	44	0	0	0	0
24	Misc. Species	Gilalsin	16	120	4	0	0	0
25	Misc. Species	Hekani	2	0	0	0	0	0

26	Misc. Species	Hivra	30	41	3	0	0	0
27	Misc. Species	Karvand	7	0	0	0	0	0
28	Misc. Species	Karwat	0	1	0	0	0	0
29	Misc. Species	Kena	2	1	0	0	0	0
30	Misc. Species	Khair	538	594	12	1	0	0
31	Misc. Species	Kharam	10	9	0	0	0	0
32	Misc. Species	Kinnai	2	3	0	0	0	0
33	Misc. Species	Kolas	15	70	3	0	0	0
34	Misc. Species	Lalzad	0	0	2	0	0	0
35	Misc. Species	Lokhandi	2	1	0	0	0	0
36	Misc. Species	Mahua	27	15	1	0	0	0
37	Misc. Species	Mugir	54	62	6	0	0	0
38	Misc. Species	Nana	1	0	0	0	0	0
39	Misc. Species	Neem	7	9	1	0	0	0
40	Misc. Species	Palas	0	0	1	0	0	0
41	Misc. Species	Pangara	104	219	42	2	0	0
42	Misc. Species	Parambi	1	1	0	0	0	0
43	Misc. Species	Puti	7	3	0	0	0	0
44	Misc. Species	Rohine	1	1	0	0	0	0
45	Misc. Species	Sag	161	775	281	14	0	0
46	Misc. Species	Saher	73	133	37	4	0	0
47	Misc. Species	Sarpher	3	13	5	0	0	0
48	Misc. Species	Singare	0	1	0	0	0	0
49	Misc. Species	Sisam	0	0	1	1	0	0
50	Misc. Species	Tad	14	0	0	0	0	0
51	Misc. Species	Tambat	43	24	2	0	0	0
52	Misc. Species	Vela	5	12	0	0	0	0
53	Misc. Species	Bhokar	1	0	0	0	0	0
54	Misc. Species	Waras	2	1	1	0	0	0
Total			1963	2147	413	22	0	0
Sub Total (No of Trees.)			5265					

5. Working plan prescription for the forest land proposed for diversion: No Data

6. Brief note on vulnerability of the forest area: Proposed site area is not vulnerable to erosion.

7. Approximate distance of the proposed site for diversion from boundary of forest (in km.): 0

8. Significance of the forest land proposed for diversion from wildlife point of view :

- (i). Details of wildlife present in and around the forest land proposed for diversion : It does not form the part of National Park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, etc.
- (ii). Whether forms part of national park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, wildlife migration corridor etc. : No
- (iii). Whether the forest land proposed for diversion is located within eco-sensitive zone (ESZ) of the Protected Area notified under Wildlife (Protection) Act, 1972 (Note: In case, ESZ of a Protected Area is not notified, then, 10 kms distance from boundary of the Protected Area should be treated as ESZ): No
- (iv). Whether any national park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, wildlife migration corridor etc., is located within 1 Km. from boundary of the forest land proposed for diversion : No
- (v). Whether any rare/endangered/unique species of flora and fauna found in the area : No

9. Details of any protected archaeological/heritage site/defended establishment or any other important monument located in this area, if any :

- (i).

Whether any protected archaeological/heritage site/defence establishment or any other important monument is located in the area : No

10. Comment as to the reasonability of the extent of the forest land proposed for diversion :

- (i). Whether the requirement of forest land as proposed by the user agency is unavoidable and bare minimum for the project : Yes

11. Details of violation(s), if any ,committed :

- (i). Whether any work in violation of the Act or guidelines issued under the Act has been carried out : No

12. Whether work in violation is still in progres(Yes/No) : No Data

13. Details of compensatory afforestation scheme :

- (i). Patch wise details for Degraded Area (To be earmarked by DFO)

- (i). Total Financial Outlay for C.A(lacs): 228.4649

Patch Wise Details						
S.no	Patch No.	Area(ha.)	Name of PF/RF	Range	Compartment No	Uploaded KML file of patch
1	1	34.50	RF	Dand	212	 View file

- (ii). Copy of CA scheme details: 

- (iii). Scanned copy of the Geo-referenced map of the forest land proposed for C.A. prepared by using DGPS or Total Station: 

- (iv). Copy of Survey of India Toposheet indicating boundary of forest land proposed for C.A.: 

- (v). Copy of NOC from Competent Authority : 

Additional information Details :

S. No.	Documents	Remarks
	NIL	

14. District Profile :

S.no	District Name	Geographical area of the district (in ha.)	Forest area of the district (in ha.)	Total forest area diverted since 1980 (in ha.)	No. of Approved Cases	Forest Land including penal C.A. (in ha.)	Progress of compensatory afforestation as on(date)	A) Forest land (in ha.)	B) Non-forest land (in ha.)
1	Pune	1561600	84878	12176	79	479.76	20/03/2020	74.89	404.87
2	Pune	255000	41052.00	108.5103	19	6.00	10/09/2020	0.00	77.694

15. Site inspection report of the DFO/CCF/Nodal Officer highlighting important facts pertaining to the forest land :

Division Name	Circle	Site inspected By	Whether site inspected	No. of times site visited	Site inspection report	Date of visit
Pune	Pune	DFO	Yes	1 time		16/07/2019
Pune	Pune	DFO	Yes	1 time		08/02/2017
Bhor	Pune	DFO	Yes	1 time		08/02/2017
		Nodal Officer	No		No Data	

(Specific recommendation of the DFO/CCF/Nodal Officers with (Part II, III & Part IV))

16. Specific recommendation of the DFO/CCF/Nodal Officer for accept/reject/otherwise of the proposal with reason :

Division	Circle	Recommendation By	Recommendation	Reason	Letter	Whether CF agreed
Pune	Pune	DFO	Recommend	The proposal for construction of overhead 400 kv line from 400 kv substation/s to proposed 400		

				ky Hinjawadi s/s has been submitted by Superintending Engineer, MSETCL, EHV Construction circle, MSETCL, Pune. The techno economic route has been surveyed and part of which passes through Reserved Forest area. The area is not suitable for any use and has been earmarked for transmission line. The area has been surveyed and found to be suitable for the purpose of the project. The area is not suitable for any use and has been earmarked for transmission line. The area has been surveyed and found to be suitable for the purpose of the project.		
Bhor	Pune	DFO	Recommended	as per the order of the Government of Maharashtra, dated 12/12/2019, the area of 12.76 Ha of reserved forest in Tal. Bhor, Dist. Solapur has been declassified for the purpose of the project. The area is not suitable for any use and has been earmarked for transmission line. The area has been surveyed and found to be suitable for the purpose of the project.		
	Pune	CF	Recommended	Recommended.		Yes
		Nodal Officer	Recommended	Recommended.		

Specific recommendation of the State Government (Part V)

17. Specific recommendation of the State Government for acceptance or rejection of the proposal with reason (Part V) :

State	Recommendation By	Recommendation	Reason	Remarks	Signing Authority	Notification	Recommendation Letter
Maharashtra	State Secretary	Recommended	31/12/2022		State Govt. Officer	No Data	



Maharashtra State Electricity Transmission Co.Ltd.
(CIN No.U40109MH2005SGC153646)

From :
Name of Office : Executive Engineer, EHV Project Division – II, Pune
Office Address : Administrative Building, 1st Floor, 925, Kasba Peth,
Pune – 411 011
Contact No.: FAX NO. (020) 245 70 525 & PHONE NO. (020) 245 70 676
E-Mail Id : ee6620@mahatransco.in
Website : www.mahatransco.in

Ref.No.EE/EHV/Proj/DN-II/PN/Tech/

Date :-

Undertaking

We hereby undertake that we are in the process of preparation of forest proposal under Forest conservation Act 1980 for diversion of 17.25 Ha. Of Reserve forest land for conservation construction of 400 kV Jejuri - Hinjewadi Transmission line. Route alignment of tower line also passing through the non-forest area.

For non-forest area forest Dept. asked for 7/12 Extract/scheme for collecting these documents/details our office is following up with revenue dept. Talathi office. We have collected same latest 7/12 Extract of non-forest area and submitting herewith.

In view of above, this office has continuously taking follow up with revenue authority. However, this office has yet to receive relevant documents from revenue authority. Also, it is difficult to get all records from Revenue dept. Talathi office hence revalidation of pending records will take more time and project will be delayed since the project is almost important and urgent. We MSETCL, Pune therefore give undertaking in case if any survey nos./Gut No. Identified as forest area in the line route alignment of the proposal we will comply with provisions of FRA Act. 1980.



(V. D. Bhujbal)

Executive Engineer
EHV Project Div –II, Pune.

FOUNDATION DETAILS

L	W	B1	B2	SBI	SBI
3500	3500	500	4050	2580	300

BAR BENDING SCHEDULE

SHAPE	LENGTH (mm)	NOS. / TOWER	UNIT WEIGHT (kg/m)	TOTAL WEIGHT (kg)
4400	4420	128	1.88	889.80
4008	4504	144	0.89	577.15
3518	3768	9	1.55	150.15
400	1990	24	0.22	56.7
2450	3318	108	0.85	510.7
2580	2580	15	1.58	286.5
1450	1450	24	0.22	56.7

TOTAL WEIGHT (kg) = 2555.4

- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
DO NOT SCALE THE DRAWING.
CLAR COVER TO THE MAIN REIN. BARS SHALL BE 25MM UNLESS OTHERWISE SPECIFIED.
CONCRETE MIX SHALL BE M-20 (1:1.2:3).
LEAN CONCRETE MIX SHALL BE (3:1:3).
REIN. BARS SHALL BE HIGH TENSILE DEFORMED BARS CONFORMING TO IS 1786/1986.
STIRRUPS SHALL BE MILD STEEL BARS CONFORMING TO IS 432 - 1986.
WORKING POINT IS THE POINT WHERE CENTER OF STUB COINCIDES WITH THE CENTER OF TOP PAD.
STUB DEPTH BELOW CL 3300 mm

CONSTRUCTION DRAWING



KEC INTERNATIONAL LTD

LIBSASTHA WARD - KURIA - BOMBAY 400020

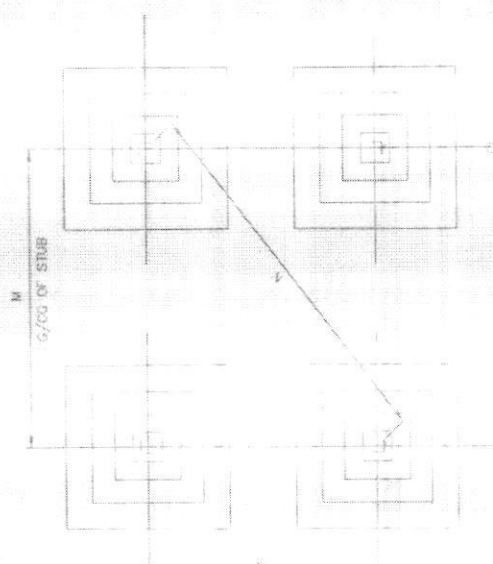
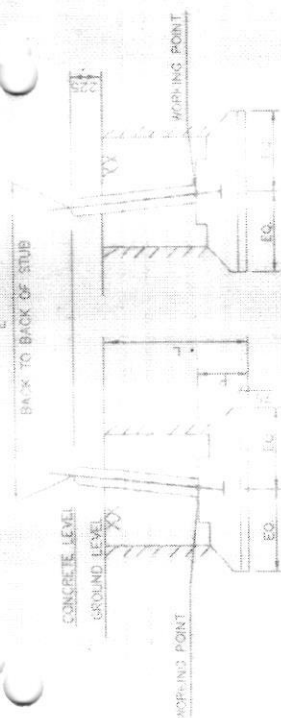
PURCHASER	ORDER NO.	SPECIAL NO.	MSL B/T L-4
MAHARASHTRA STATE ELECTRICITY BOARD	539A		

400 KV D/C TRANSMISSION LINE
(NACOTRA - KARJAT LINE) PACKAGE - A
FOUNDATION DESIGN IN DRY FISSED
GROUND FOR T.T. 100 (NORTH-SOUTH BE)

SCALE	NES	DATE	REVIEWED BY	DES. NO.
1:100	17/11/97			5390-FDN-2

DRAWN	CHECKED	DATE	REVIEWED	DES. NO.
S. K. JAIN	S. K. JAIN	13/11/97		5390-FDN-2

REV.	CHG.	DATE	CHECKED	DES. NO.
1				5390-FDN-2



EXCAVATION PLAN

FOUNDATION PLAN DETAILS

BACK TO BACK OF TOWER AT N. LEVEL = 88.10 m. SLOPE (TAN-ALPHA) = 0.25:0.6. +4 STUB = HT. 200 x 200 mm.

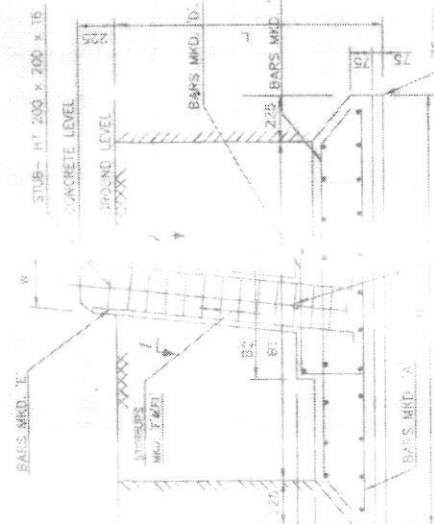
TOWER TYPE	L	F	M	N	P
NORMAL TOWER	3500	15370.0	1720.46	4872.0	675
N.T. + 3.0M EXTN	3500	17208.37	18518.85	20106.6	675
N.T. + 6.0M EXTN	3500	19906.75	19972.23	28972	675

FOUNDATION QUANTITIES PER TOWER

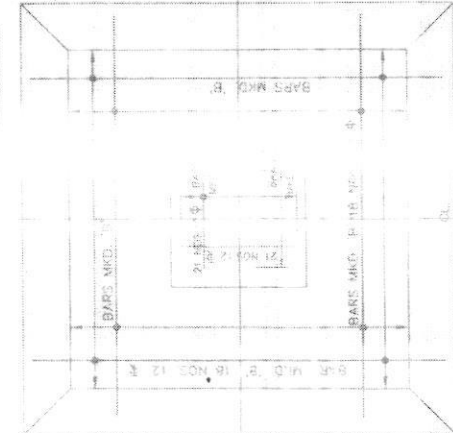
CONCRETE VOLUME = 34.25 m³	EXCAVATION (NET) = 23184 m³
LEAN CONC. VOLUME = 8.075 m³	EXCAVATION MAX = 26.4 m³

REINFORCEMENT STEEL = 25.4 TONS

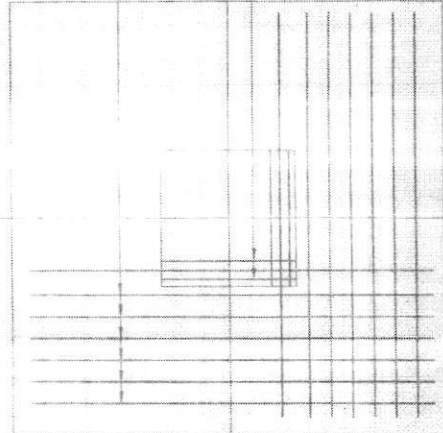
CLIENT'S APPROVAL
APPROVED BY SUDIP ENGR (PL 400KV) VIDE
LETTER NO. P/ENGR-11-A/KEC/185/29203
DATED 10/7/97.



TOP REINFORCEMENT PLAN



BOTTOM REINFORCEMENT PLAN



REVISION

SYM.

B	L	W	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50	B51	B52	B53	B54	B55	B56	B57	B58	B59	B60	B61	B62	B63	B64	B65	B66	B67	B68	B69	B70	B71	B72	B73	B74	B75	B76	B77	B78	B79	B80	B81	B82	B83	B84	B85	B86	B87	B88	B89	B90	B91	B92	B93	B94	B95	B96	B97	B98	B99	B100	B101	B102	B103	B104	B105	B106	B107	B108	B109	B110	B111	B112	B113	B114	B115	B116	B117	B118	B119	B120	B121	B122	B123	B124	B125	B126	B127	B128	B129	B130	B131	B132	B133	B134	B135	B136	B137	B138	B139	B140	B141	B142	B143	B144	B145	B146	B147	B148	B149	B150	B151	B152	B153	B154	B155	B156	B157	B158	B159	B160	B161	B162	B163	B164	B165	B166	B167	B168	B169	B170	B171	B172	B173	B174	B175	B176	B177	B178	B179	B180	B181	B182	B183	B184	B185	B186	B187	B188	B189	B190	B191	B192	B193	B194	B195	B196	B197	B198	B199	B200	B201	B202	B203	B204	B205	B206	B207	B208	B209	B210	B211	B212	B213	B214	B215	B216	B217	B218	B219	B220	B221	B222	B223	B224	B225	B226	B227	B228	B229	B230	B231	B232	B233	B234	B235	B236	B237	B238	B239	B240	B241	B242	B243	B244	B245	B246	B247	B248	B249	B250	B251	B252	B253	B254	B255	B256	B257	B258	B259	B260	B261	B262	B263	B264	B265	B266	B267	B268	B269	B270	B271	B272	B273	B274	B275	B276	B277	B278	B279	B280	B281	B282	B283	B284	B285	B286	B287	B288	B289	B290	B291	B292	B293	B294	B295	B296	B297	B298	B299	B300	B301	B302	B303	B304	B305	B306	B307	B308	B309	B310	B311	B312	B313	B314	B315	B316	B317	B318	B319	B320	B321	B322	B323	B324	B325	B326	B327	B328	B329	B330	B331	B332	B333	B334	B335	B336	B337	B338	B339	B340	B341	B342	B343	B344	B345	B346	B347	B348	B349	B350	B351	B352	B353	B354	B355	B356	B357	B358	B359	B360	B361	B362	B363	B364	B365	B366	B367	B368	B369	B370	B371	B372	B373	B374	B375	B376	B377	B378	B379	B380	B381	B382	B383	B384	B385	B386	B387	B388	B389	B390	B391	B392	B393	B394	B395	B396	B397	B398	B399	B400	B401	B402	B403	B404	B405	B406	B407	B408	B409	B410	B411	B412	B413	B414	B415	B416	B417	B418	B419	B420	B421	B422	B423	B424	B425	B426	B427	B428	B429	B430	B431	B432	B433	B434	B435	B436	B437	B438	B439	B440	B441	B442	B443	B444	B445	B446	B447	B448	B449	B450	B451	B452	B453	B454	B455	B456	B457	B458	B459	B460	B461	B462	B463	B464	B465	B466	B467	B468	B469	B470	B471	B472	B473	B474	B475	B476	B477	B478	B479	B480	B481	B482	B483	B484	B485	B486	B487	B488	B489	B490	B491	B492	B493	B494	B495	B496	B497	B498	B499	B500	B501	B502	B503	B504	B505	B506	B507	B508	B509	B510	B511	B512	B513	B514	B515	B516	B517	B518	B519	B520	B521	B522	B523	B524	B525	B526	B527	B528	B529	B530	B531	B532	B533	B534	B535	B536	B537	B538	B539	B540	B541	B542	B543	B544	B545	B546	B547	B548	B549	B550	B551	B552	B553	B554	B555	B556	B557	B558	B559	B560	B561	B562	B563	B564	B565	B566	B567	B568	B569	B570	B571	B572	B573	B574	B575	B576	B577	B578	B579	B580	B581	B582	B583	B584	B585	B586	B587	B588	B589	B590	B591	B592	B593	B594	B595	B596	B597	B598	B599	B600	B601	B602	B603	B604	B605	B606	B607	B608	B609	B610	B611	B612	B613	B614	B615	B616	B617	B618	B619	B620	B621	B622	B623	B624	B625	B626	B627	B628	B629	B630	B631	B632	B633	B634	B635	B636	B637	B638	B639	B640	B641	B642	B643	B644	B645	B646	B647	B648	B649	B650	B651	B652	B653	B654	B655	B656	B657	B658	B659	B660	B661	B662	B663	B664	B665	B666	B667	B668	B669	B670	B671	B672	B673	B674	B675	B676	B677	B678	B679	B680	B681	B682	B683	B684	B685	B686	B687	B688	B689	B690	B691	B692	B693	B694	B695	B696	B697	B698	B699	B700	B701	B702	B703	B704	B705	B706	B707	B708	B709	B710	B711	B712	B713	B714	B715	B716	B717	B718	B719	B720	B721	B722	B723	B724	B725	B726	B727	B728	B729	B730	B731	B732	B733	B734	B735	B736	B737	B738	B739	B740	B741	B742	B743	B744	B745	B746	B747	B748	B749	B750	B751	B752	B753	B754	B755	B756	B757	B758	B759	B760	B761	B762	B763	B764	B765	B766	B767	B768	B769	B770	B771	B772	B773	B774	B775	B776	B777	B778	B779	B780	B781	B782	B783	B784	B785	B786	B787	B788	B789	B790	B791	B792	B793	B794	B795	B796	B797	B798	B799	B800	B801	B802	B803	B804	B805	B806	B807	B808	B809	B810	B811	B812	B813	B814	B815	B816	B817	B818	B819	B820	B821	B822	B823	B824	B825	B826	B827	B828	B829	B830	B831	B832	B833	B834	B835	B836	B837	B838	B839	B840	B841	B842	B843	B844	B845	B846	B847	B848	B849	B850	B851	B852	B853	B854	B855	B856	B857	B858	B859	B860	B861	B862	B863	B864	B865	B866	B867	B868	B869	B870	B871	B872	B873	B874	B875	B876	B877	B878	B879	B880	B881	B882	B883	B884	B885	B886	B887	B888	B889	B890	B891	B892	B893	B894	B895	B896	B897	B898	B899	B900	B901	B902	B903	B904	B905	B906	B907	B908	B909	B910	B911	B912	B913	B914	B915	B916	B917	B918	B919	B920	B921	B922	B923	B924	B925	B926	B927	B928	B929	B930	B931	B932	B933	B934	B935	B936	B937	B938	B939	B940	B941	B942	B943	B944	B945	B946	B947	B948	B949	B950	B951	B952	B953	B954	B955	B956	B957	B958	B959	B960	B961	B962	B963	B964	B965	B966	B967	B968	B969	B970	B971	B972	B973	B974	B975	B976	B977	B978	B979	B980	B981	B982	B983	B984	B985	B986	B987	B988	B989	B990	B991	B992	B993	B994	B995	B996	B997	B998	B999	B1000	B1001	B1002	B1003	B1004	B1005	B1006	B1007	B1008	B1009	B1010	B1011	B1012	B1013	B1014	B1015	B1016	B1017	B1018	B1019	B1020	B1021	B1022	B1023	B1024	B1025	B1026	B1027	B1028	B1029	B1030	B1031	B1032	B1033	B1034	B1035	B1036	B1037	B1038	B1039	B1040	B1041	B1042	B1043	B1044	B1045	B1046	B1047	B1048	B1049	B1050	B1051	B1052	B1053	B1054	B1055	B1056	B1057	B1058	B1059	B1060	B1061	B1062	B1063	B1064	B1065	B1066	B1067	B1068	B1069	B1070	B1071	B1072	B1073	B1074	B1075	B1076	B1077	B1078	B1079	B1080	B1081	B1082	B1083	B1084	B1085	B1086	B1087	B1088	B1089	B1090	B1091	B1092	B1093	B1094	B1095	B1096	B1097	B1098	B1099	B1100	B1101	B1102	B1103	B1104	B1105	B1106	B1107	B1108	B1109	B1110	B1111	B1112	B1113	B1114	B1115	B1116	B1117	B1118	B1119	B1120	B1121	B1122	B1123	B1124	B1125	B1126	B1127	B1128	B1129	B1130	B1131	B1132	B1133	B1134	B1135	B1136	B1137	B1138	B1139	B1140	B1141	B1142	B1143	B1144	B1145	B1146	B1147	B1148	B1149	B1150	B1151	B1152	B1153	B1154	B1155	B1156	B1157	B1158	B1159	B1160	B1161	B1162	B1163	B1164	B1165	B1166	B1167	B1168	B1169	B1170	B1171	B1172	B1173	B1174	B1175	B1176	B1177	B1178	B1179	B1180	B1181	B1182	B1183	B1184	B1185	B1186	B1187	B1188	B1189	B1190	B1191	B1192	B1193	B1194	B1195	B1196	B1197	B1198	B1199	B1200	B1201	B1202	B1203	B1204	B1205	B1206	B1207	B1208	B1209	B1210	B1211	B1212	B1213	B1214	B1215	B1216	B1217	B1218	B1219	B1220	B1221	B1222	B1223	B1224	B1225	B1226	B1227	B1228	B1229	B1230	B1231	B1232	B1233	B1234	B1235	B1236	B1237	B1238	B1239	B1240	B1241	B1242	B1243	B1244	B1245	B1246	B1247	B1248	B1249	B1250	B1251	B1252	B1253	B1254	B1255	B1256	B1257	B1258	B1259	B1260	B1261	B1262	B1263	B1264	B1265	B1266	B1267	B1268	B1269	B1270	B1271	B1272	B1273	B1274	B1275	B1276	B1277	B1278	B1279	B1280	B1281	B1282	B1283	B1284	B1285	B1286	B1287	B1288	B1289	B1290	B1291	B1292	B1293	B1294	B1295	B1296	B1297	B1298	B1299	B1300	B1301	B1302	B1303	B1304	B1305	B1306	B1307	B1308	B1309	B1310	B1311	B1312	B1313	B1314	B1315	B1316	B1317	B1318	B1319	B1320	B1321	B1322	B1323	B1324	B1325	B1326	B1327	B1328	B1329	B1330	B1331	B1332	B1333	B1334	B1335	B1336	B1337	B1338	B1339	B1340	B1341	B1342	B1343	B1344	B1345	B1346	B1347	B1348	B1349	B1350	B1351	B1352	B1353	B1354	B1355	B1356	B1357	B1358	B1359	B1360	B1361	B1362	B1363	B1364	B1365	B1366	B1367	B1368	B1369	B1370	B1371	B1372	B1373	B1374	B1375	B1376	B1377	B1378	B1379	B1380	B1381	B1382	B1383	B1384	B1385	B1386	B1387	B1388	B1389	B1390	B1391	B1392	B1393	B1394	B1395	B1396	B1397	B1398	B1399	B1400	B1401	B1402	B1403	B1404	B1405	B1406	B1407	B1408	B1409	B1410	B1411	B1412	B1413	B1414	B1415	B1416	B1417	B1418	B1419	B1420	B1421	B1422	B1423	B1424	B1425	B1426	B1427	B1428	B1429	B1430	B1431	B1432	B1433	B1434	B1435	B1436	B1437	B1438	B1439	B1440	B1441	B1442	B1443	B1444	B1445	B1446	B1447	B1448	B1449	B1450	B1451	B1452	B1453	B1454	B1455	B1456	B1457	B1458	B1459	B1460	B1461	B1462	B1463	B1464	B1465	B1466	B1467	B1468	B1469	B1470	B1471	B1472	B1473	B1474	B1475	B1476	B1477	B1478	B1479	B1480	B1481	B1482	B1483	B1484	B1485	B1486	B1487	B1488	B1489	B1490	B1491	B1492	B1493	B1494
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