

**[PROPOSAL NO.: FP/MH/RAIL/41780/2019]** Proposal for diversion of 0.573 Ha of Forest land in Thane Forest Division under the Forest (Conservation) Act, 1980 for construction of Third railway line between Kalyan and Kasara stations of 67.62 km in Ulhasnagar, Kalyan & Shahapur Talukas, Thane District in the State of Maharashtra.

**CERTIFICATE: 26**

**Information on the movement of the proposal from one office to other with dates**

Sr. No.	Chronology of Event	Date and Reference, if any
1	Online Application on Parivesh Portal	27.08.2019
2	Proposal acceptance and submission of Hard copy Acknowledgement slip	27-08.2019
3	Submission of Hard copy Proposal	Dy.CE/GC/41/Forest Land dtd.30.08.2019
4	Submission of JMS data	Dy.CE/C/GC/41/Forest Land dtd.20.01.2022
5	Submission of Geo-digital Village Maps with forest patches in required colour coding format	Dy.CE/GC/41/Forest Land dtd.14.03.2022
6		Dy.CE/C/GC/41/Forest Land dtd. 01.04.2022
7	Revised Online Application on Parivesh Portal	28-04-2019
8	DCF, Thane Letter regarding revision in submitted Geo-digital Village Maps with forest patches in required colour coding format.	Desk-25/Survey/FCA/546/2022-23 dtd. 06.05.2022
9	Submission of Hard copy proposal	Dy.CE/C/GC/41/Forest Land dtd. 11.06.2022
10	DCF, Thane Letter regarding modifications in submitted Geo-digital Village Maps.	Desk-25/Survey/FCA/2298/2022-23 dtd. 28.06.2022
11	Submission of modified Maps as required by DCF Thane	Dy.CE/C/GC/41/Forest Land dtd. 18.07.2022
12	Submission of revised Hard copy proposal	Dy.CE/C/GC/Forest Land/41 dtd. 20.07.2022

Place: Mumbai

Date: 04.08.2022



  
**Dattatraya Damodar Lolge**  
Deputy Chief Engineer (C),  
Ghatkopar, Central Railway  
उप मुख्य अभियंता (नि)  
मध्य रेल, घाटकोपर, मुंबई  
Chief Engineer (C)  
C. Rly, Ghatkopar, Mumbai

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**CERTIFICATE: 27**

**Attempts made to find out non-forest land for the proposal / reasons for its rejection and minimum demand of forest area**

This is to certify that proposed Third railway line between Kalyan and Kasara stations in Ulhasnagar, Kalyan & Shahapur Talukas, Thane District in the State of Maharashtra is a capacity augmentation project of existing Railway line. So, the most feasible alignment is chosen utilizing entire existing available RoW already in possession of Railway; thus, keeping requirement of additional land to minimum. For additional land requirement, wherever possible non-forest land has been used for the alignment to keep the demand of forest land as minimum. The total land required in Kalyan and Ulhasnagar Talukas is of 9.5816 Ha, out of which major part is non-forest land of 9.0086 Ha and forest land of 0.573 Ha is required to be diverted for this purpose.

Place: Mumbai

Date: 04.08.2022



  
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उप मुख्य अभियंता (नि)  
मध्य रेल, घाटकोपर, मुंबई  
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**CERTIFICATE: 28**

**Unqualified commitment from the project authority to bear cost of exploitation of felling of trees and their allied works under project**

This is to certify that Project Authority fully agrees to bear the cost of exploitation of felling of trees and their allied works under project, from the forest land proposed to be diverted for non-forest purpose for construction of Third railway line between Kalyan and Kasara stations of 67.62 km in Ulhasnagar, Kalyan & Shahapur Talukas, Thane District in the State of Maharashtra.

Place: Mumbai

Date: 04.08.2022



**Dattatraya Damodar Lolge**  
Deputy Chief Engineer (C),  
Ghatkopar, Central Railway

**उप मुख्य अभियंता (नि)**  
**मध्य रेल, घाटकोपर, मुंबई**  
**Deputy Chief Engineer (C)**  
**C. Rly, Ghatkopar, Mumbai**

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**CERTIFICATE: 29**

**Certificate by Project Authority / User Agency for Cost of Compensatory Afforestation**

This is to certify that we, the Project Authority/ User Agency, hereby agrees to pay the cost of compensatory afforestation to be done in lieu of 0.573 Ha forest land in Thane Forest Division proposed to be diverted for construction of Third railway line between Kalyan and Kasara stations of 67.62 km in Ulhasnagar, Kalyan & Shahapur Talukas, Thane District in the State of Maharashtra as per prevailing wage rate at the time of plantation for Ten years as prescribed by Forest department.

**Place:** Mumbai

**Date:** 04.08.2022



**Dattatraya Damodar Lolge**

Deputy Chief Engineer (C),

Ghatkopar, Central Railway

उप मुख्य अभियंता, (नि)

मध्य रेल, घाटकोपर, मुंबई

Deputy Chief Engineer (C)

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**CERTIFICATE: 30**

**Certificate by Project Authority / User Agency regarding No Violation of FCA-1980 and Guidelines under it**

This is to certify that the provisions of Forest (Conservation) Act, 1980 and guidelines under it have not been violated by the User Agency i.e., Central Railway (Ghatkopar) for construction of Third railway line between Kalyan and Kasara stations of 67.62 km in Ulhasnagar, Kalyan & Shahapur Talukas, Thane District in the State of Maharashtra. We further undertake that no work will be started on forest land without obtaining diversion of forest land as is being applied through this proposal.

Place: Mumbai

Date: 04.08.2019



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Deputy Chief Engineer (C),  
Ghatkopar, Central Railway  
उप मुख्य अभियंता (नि)  
मध्य रेल, घाटकोपर, मुंबई  
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**CERTIFICATE: 31**

**Certificate by Project Authority / User Agency to furnish Net Present Value as per the Government of India order**

This is to certify that we have applied for diversion of 0.573 Ha of forest area in Thane forest division for the purpose of construction of Third railway line between Kalyan and Kasara stations of 67.62 km in Ulhasnagar, Kalyan & Shahapur Talukas, Thane District in the State of Maharashtra. We, hereby, undertake to pay Net Present Value (NPV) of the above forest land. We hereby, also undertake to pay the additional amount of NPV, if so, determined as per decision of the Honourable Supreme Court.

Place: Mumbai

Date: 04.08.2022



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Deputy Chief Engineer (C),  
Ghatkopar, Central Railway  
उप मुख्य अभियंता (नि)  
मध्य रेल, घाटकोपर, मुंबई  
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**CERTIFICATE: 32**

**Certificate of Project Authority / User Agency regarding providing water supply facilities**

Not Applicable as the project is pertaining to Railway Sector.

**Place:** Mumbai

**Date:** 04.08.2022



  
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उप मुख्य अभियंता (नि)  
मध्य रेल, घाटकोपर, मुंबई  
D. Chief Engineer (C)  
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**CERTIFICATE: 33**

**Certificate by Project Authority / User Agency to get Environmental Clearance as per the Environmental Act, 2006 (whenever necessary)**

This project of construction of Third railway line between Kalyan and Kasara stations of 67.62 km in Ulhasnagar, Kalyan & Shahapur Talukas, Thane District in the State of Maharashtra **does not require** Environmental Clearance as per EPA, 1986.

Place: Mumbai

Date: 04.08.2022



  
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उप मुख्य अभियंता (नि)  
म. रेल, घाटकोपर, मुंबई  
Chief Engineer (C)  
C. Ky, Ghatkopar, Mumbai

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**CERTIFICATE: 34**

**Certificate of Non-Indemnity to Forest Department (by Project Authority / User Agency)**

**Non-Indemnity to Forest Department Certificate**

Not Applicable as no Private Forest is involved in Thane Forest Division.

Place: Mumbai

Date: 04.08.2022



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Ghatkopar, Central Railway  
उप मुख्य अभियंता (नि)  
मध्य रेल, घाटकोपर, मुंबई  
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**CERTIFICATE: 35**

**Certificate or NOC from the private owner if the area under Private Forest Act, (Acquisition) Act, 1975**

Not Applicable as no Private Forest is involved in Thane Forest Division.

Place: Mumbai

Date: 04.08.2022



  
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मध्य रेल, घाटकोपर, मुंबई  
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**CERTIFICATE: 36**

**Certificate by Projects Authority / User Agency to take up catchments area treatment plan as per the guideline of Government of India**

Not Applicable.

Place: Mumbai

Date: 04.08.2022



  
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Deputy Chief Engineer (C),  
Ghatkopar, Central Railway  
रूप प्रख्य अभियंता (नि)  
म. र. म. ल., घाटकोपर, मुंबई  
Deputy Chief Engineer (C)  
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**CERTIFICATE: 37**

**Catchment area treatment plan**

Not Applicable.

**CERTIFICATE: 38**

**Command area development plan**

Not Applicable.

**CERTIFICATE: 39**

**Certificate by Project Authority whether stipulation is made that 5 % of area under command of the project is made available to the Forest Department for planting trees and other vegetation for which necessary irrigation should be provided free of cost by the project authority / user agency. If the forest area involved is less than 2.00 ha and there is no felling to tree growth; it is to be dealt with as per simplified procedure**

Not Applicable.

Place: Mumbai

Date: 04.08.2022



  
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**CERTIFICATE: 40**

**Project Note by Project Authority / User Agency with salient features**

The Mumbai Suburban Railway system is operated by Indian Railway's two zonal divisions; Western Railways (WR) and Central Railways (CR). The fast commuter rail corridors on Central Railway are shared with long distance and freight trains, while inner suburban services operate on exclusive parallel tracks of which CR operates the Central Line, Harbour Line, Trans-Harbour Line as well as the Vasai Road-Bhiwandi-Diva-Panvel line. The Central Line in Mumbai consists of 3 major corridors, which bifurcate as they run into suburban satellite towns. Two corridors (one local and other through) follow the Central Railway run from Chhatrapati Shivaji Maharaj Terminus (CSTM) to Kalyan, from where it bifurcates into two lines – one to Kasara in the north-east and the other to Khopoli in the south-east. These two corridors constitute the 'main' Central Line.

Kalyan-Kasara (67.62 Km) is electrified double line section of Mumbai Division. This corridor is known as the North-East Main Lines and is a part of CSTM-HWH Group 'A' route. It is divided into 3 sub-sections viz., Kalyan-Titwala (10.84Kms), works on Automatic Block Signaling, Titwala-Asangaon (21.38Kms) and Asangaon-Kasara (35.4Kms) both work on Absolute Block System. All the three streams of traffic viz. Suburban, Mail / Express and freight trains use the same pair of lines between Kalyan & Kasara. Beyond Titwala, the section has a highly undulating terrain with ruling gradient of 1 in 90 in DN direction and 1 in 132 in UP direction.

The double-lined Kalyan-Kasara section is one of the most congested rail stretches in the country. As per CR records, a total of 147 local trains, 71 long-distance trains and about 20 freight trains run on the twin lines every day. All these trains compete with the suburban trains for slots as the passenger load to Titwala, Asangaon and Kasara is growing phenomenally, which makes it a very congested route. The third line will take away some of the load on these two lines significantly. Once completed, the 67 km line will be the longest bi-directional rail line in the Mumbai division and will allow long-distance and goods trains to run in both directions. Also, the third line will allow Indian railway to run more suburban trains. Accordingly, a project has been sanctioned by Govt. of India for providing 3rd line between Kalyan and Kasara stations.

Place: Mumbai

Date: 04.08.2019



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Deputy Chief Engineer (C),  
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**CERTIFICATE: 41**

**Other Certificates**

It has been observed that water hardly stands the year around even up to FRL. Trees can definitely stand in water for one to three months and therefore submergence should be calculated 2 M below FRL for this following should be given for forest areas involved.

Not Applicable

**CERTIFICATE: 42**

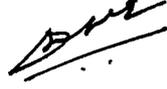
**List of trees 2 Meter, 4 Meter below F.R.L. in submergence area species wise**

Not Applicable

Place: Mumbai

Date: 04.08.2022



  
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**CERTIFICATE: 43**

**Administrative / Technical Approval from Competent Authority**

Obtained and copy attached on Pg. No.

Place: Mumbai

Date: 04.08.2022



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Ghatkopar, Central Railway

उप मुख्य अभियंता (नि)  
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**CERTIFICATE: 44**

**Certificate / Undertaking by Project Authority regarding wind power project as per the GOI letter Dated 14/05/2004**

Not Applicable.

Place: Mumbai

Date: 04.08.2022



  
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**मध्य रेल, घाटकोपर, मुंबई**  
Dy. Chief Engineer (C)  
C. Ry, Ghatkopar, Mumbai