



BRUHAT BENGALURU MAHANAGARA PALIKE

No: DCF/PR.874/2022-23

Office of the
Deputy Conservator of Forests,
Bruhat Bengaluru Mahanagara Palike
N.R Square, Bangalore

Date: 08.08.2022

OFFICIAL MEMORANDUM

- Sub: Permission regarding Translocation and Removal of trees which are standing in the K-RIDE Project Area for 'Baiyappanahalli - Hosur Railway Line Doubling Project, between Karmelaram to Baiyappanahalli Section – reg
- Ref: a. K-RIDE Application No. K-RIDE/BYPL-HSRA/DL/Tree Auction/35 dtd. 18.08.2021
- b. K-RIDE Supplementary Application No. K-RIDE/BYPL-HSRA/DL/TREE /TEC/02/2022 dtd. 13.01.2022
- c. Member Secretary, TEC and ACF Letter No. ACF/PR.24/2022-23 dtd 30.06.2022 along with Report of Tree Expert Committee

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BACKGROUND

The K-RIDE earlier had submitted an application dtd 18.08.2021 cited under reference (a) to the Tree Officer and Deputy Conservator of Forests, Bengaluru Urban Division for removal of 582 number of trees which were falling within the Construction Activities Zone of Baiyappanahalli-Hosur Railway Line Doubling Project in an Area extending from Karmelaram to Baiyappanahalli Section over a stretch of 11.15 Kms.

After observing all the formalities as stipulated under Memorandum of Procedure (MOP), the Tree Expert Committee had compiled its Report dtd February 2022 and communicated the same vide letter. No. ACF/PR 81/2021-22 dtd. 05.03.2022 to the Tree Officer and DCF, Bengaluru Urban Division along with the relevant Proceedings. At the time of Field Inspection, the Committee had also found 42 unnumbered trees standing at proposed Baiyappanahalli-Hosur Railway Line Doubling Project Area in an extent from Karmelaram to Baiyappanahalli Section which were getting affected by the Railway Line Doubling Project construction activities. The said 42 unnumbered trees were assessed by TEC and incorporated in their previous TEC report dated February 2022.

Thereafter, the Tree Officer, Bengaluru Urban Division based on the TEC Report had issued directions vide his OM No. A9/Tree Cutting/KRIDE/CR-264/2021-22/3587 dtd 10.03.2022 for

retention, translocation and removal of trees depending on their growth status, morphological characters, species, location of trees, health of the trees and other factors, for only 579 enumerated trees. Out of these 578 enumerated trees standing between Karmelaram to Baiyappanahalli, 16 trees were to be retained-on-site, 19 trees were to be translocated and the remaining 543 trees were to be felled/removed.

After perusal of the OM dtd 10.03.2022 of the DCF and Tree Officer, Bengaluru Urban Division involving 578 enumerated trees, it is revealed that the Tree Officer had not issued any orders for the said 42 unnumbered trees of different species which were covered in the TEC Report dtd February 2022.

Therefore the K-RIDE in continuation of their earlier proposal dtd 18.08.2021, submitted another application dtd 13.01.2022 for removal of 42 Nos of additional trees standing within Baiyappanahalli-Hosur Railway Line Doubling Project Area to the Tree Officer & Deputy Conservator of Forests, Bengaluru Urban Division. These 42 Nos of trees were incorporated by TEC in the earlier TEC Report dtd February 2022. When enquired, the K-RIDE Authorities stated that these trees were not included by them in their earlier application for the following reasons:

1. Due to technical requirement of Railways, the length of Bellandur Yard on LHS has been increased to 300 Mtr which has accounted for 28 unnumbered trees.
2. In other stretches, due to oversight 14 Nos of trees got missed from the prime list of 582 trees.

In pursuance to the K-RIDE supplementary application cited at (b) above pertaining to removal of 42 trees, the matter was brought before the TEC in the meeting held on 04.06.2022 by the K-RIDE and Tree Officer, Bengaluru Urban Division. Further they requested for an early disposal of this supplementary proposal pertaining to removal of additional 42 trees since the decision on the main proposal related to 578 trees standing at the Construction Activity areas extending from Karmelaram to Baiyappanahalli Section under the Baiyappanahalli-Hosur Railway Line Doubling Project had already been taken during the month of February 2022.

The Member-Secretary apprised the TEC that the DCF, Bengaluru Urban Division had re-submitted the proposal related to 42 additional trees and placed the same before the Committee for perusal in the TEC Meeting held on 04.06.2022. Accordingly the TEC Report dated June 2022 was prepared and sent to the DCF, Bengaluru Urban Division for further action at his end. The DCF, Bengaluru Urban Division has without taking necessary action has transmitted the files to DCF, BBMP in the light of the Order of PCCF, (HOFF) dated 13.06.2022.

In this context, the field inspection for assessment of 578 enumerated trees and 42 unnumbered trees standing at the proposed Project Area between Karmelaram to Baiyappanahalli for the K-RIDE project was already been carried out by the TEC from 08.12.2021 to 09.12.2021.

The Field Inspection Report was tabled during the TEC meeting held on 15.12.2022 and detailed discussions were held.

- i. The primary objective of the TEC was to retain-on-site as many trees as possible.
- ii. In case the trees are falling within the project activity area and their removal becomes inevitable, the next option for TEC was for translocation of trees depending upon its general condition and its location so that the extraction of root ball of adequate size becomes feasible.
- iii. The felling of trees has to be the last resort and that has to be done very judiciously in a prudent manner.

PRESENT CASE

Based on the discussion held during TEC Meeting held on 30.06.2022 and subsequent the TEC Report was sent to the DCF, Bengaluru Urban Division and DCF, BBMP. The records/documents produced by K-RIDE and DCF, Bengaluru Urban Division followed by thorough scrutiny of the same. The following observations were found:

- a. The Official Memorandum has not been issued by DCF, Bengaluru Urban Division in respect of these 42 additional trees.
- b. An amount has been recovered by DCF, Bengaluru Urban Division from the K-RIDE Authorities for Compensatory Afforestation Cost for felling 42 trees of Rs. 1,56,677/- vide DD No. 018822 dtd. 18.04.2022.
- c. The TEC proceedings and the matter was raised before the CCF, Bengaluru Circle wherein he stated that the Official Memorandum has to be issued by DCF, BBMP.
- d. The above matter was appraised to TEC.

Further detailed discussions of the field inspection reports which were prepared after examination of each and every tree, the following order is issued.

ORDER

Under the circumstances explained above and in exercise of the powers vested with the undersigned as per Section 8 (3) of Karnataka Preservation of Trees Act, 1976 and based on the guidelines and decisions taken as per the Field Inspection Report and Proceedings of the Meeting dated 15.12.2022 of the TEC for retention-on-site, translocation, and removal of trees which fall in

the K-RIDE Project Area between Karmelaram to Baiyappanahalli Section for Baiyappanahalli-Hosur Railway Line Doubling Project, the below mentioned schedule is approved subject to the conditions mentioned thereon. This Order will come into effect after fifteen (15) days from the date of uploading of the order on the Official website of BBMP and for that purpose separate directions will be issued from this Office.


SCHEDULE

1. One (01) tree which is listed in Annexure A appended to this Official Memorandum have to be retained-on-site. Hence, permission is declined to remove the said 01 tree and they should continue to stand at their present location.
2. Based on the considerations as stated above and also detailed in the Report, Nine (09) trees which are listed with justification, enclosed to this Official Memorandum as Annexure B have to be translocated. Hence permission is accorded to translocate the said 09 trees to suitable places as mentioned below in the 'Conditions'.
3. The remaining Thirty Two (32) trees only which are listed with justification, enclosed to this Official Memorandum as Annexure C can be removed. Hence permission is accorded for removal of these said 32 trees only as per the felling of trees norms adopted by Karnataka Forest Department (KFD).

Conditions

1. No damage should be caused to the trees which are retained on the spot, while carrying out the civil works or any project related works.
2. The trees which are retained-on-site have to be properly protected and maintained. Accordingly K-RIDE should give an assurance in this respect.
3. The translocation of trees should be done at suitable vacant spaces already identified by K-RIDE in collaboration with the DCF, BBMP at the following area:
 - i. *An extent of 1.6 acres of land available at Monnekolal Village falling on the Left Hand Side towards Hosur within Railway Boundary, situated at a distance of about 150 meters from LC Gate No. 133*
 - ii. *An extent of 0.6 acres existing near Belandur Railway Station, falling on the LHS towards Baiyappanahalli within Railway Boundary*
4. The Persons/Agencies who are entrusted with translocation works should have sufficient knowledge and experience in such works.
5. The work of translocation of trees has to be executed under close supervision of Officials/Officers of Forest Wing of BBMP and according to the formulated guidelines of UAS, Bengaluru.
6. The trees so translocated have to be properly maintained and taken care of, for a minimum period of three years.

7. The entire process of translocation of trees has to be properly documented and records compiled in a systematic manner.
8. In lieu of the trees translocated and felled,
 - a. 10 healthy and heighted saplings have to be planted in lieu of each tree either translocated or felled. The saplings have to be planted as per forestry practices and maintained for a minimum period of three years. Photographs and proper documentation has to be there for saplings/seedlings planted.
 - b. The K-RIDE Authorities have paid the Compensatory Afforestation Cost for felling 42 trees of amount Rs. 1,56,677/- to DCF, Bengaluru Urban Division vide DD No. 018822 dtd. 18.04.2022. Hence the Compensatory Afforestation has to done by the DCF, Bengaluru Urban Division and submit the report to the DCF/Tree Officer, BBMP
9. Quarterly progress report about the translocated trees have to be submitted by K-RIDE and the Quarterly progress report about the seedlings/saplings planted by the DCF, Bengaluru Urban Division, to the Tree Officer, BBMP. Regular monitoring must be done to ensure the conducive growth of translocated trees and planted saplings/seedlings.


Tree Officer and
Deputy Conservator of Forests
Bruhat Bengaluru Mahanagara Palike,
Bengaluru

Copy to:

1. The Managing Director, K-RIDE, Samparka Soudha, 1st Floor, Opp. Orion Mall, West of Chord Road, Rajajinagar 1st Block, Bengaluru.
2. The Chairman, Tree Authority and Chief Conservator of Forests, Bangalore Circle, Bangalore for kind information.
3. The General Manager, K-RIDE, Samparka Soudha, 1st Floor, Opp. Orion Mall, West of Chord Road, Rajajinagar 1st Block, Bengaluru.
4. The Deputy Conservator of Forests, Bengaluru Urban Division, Aranya Bhavar, 18th Cross, Malleshwaram, Bengaluru.
5. The Member Secretary – Tree Expect Committee, and the Assistant Conservator of Forests, BBMP for information and further action.
6. The Assistant Conservator of Forests, BBMP for information and further action.
7. The Range Forest Officer/Deputy Range Forest Officers for information and further action.
8. Office Copy.

Retention of Trees

Application No.: K RIDE/BYPL-HSRA/DL/TREE/TEC/02/2022 dtd 13.01.2022

Project Name: Baiyappannahalli – Hosur Railway Line Doubling Project

Working Area: Karmelaram to Baiyappannahalli Section, Bengaluru

Sl. No.	Tree No.	Tree Name	Girth (Mtr)	Height (Mtr)	Observation and Justification
1.	3	Sihihunse	0.80	2.50	The tree does not affect the construction activities within the project area proposed for doubling and allied activities.
Total Retention of trees = 01 No.					


Deputy Conservator of Forests
& Tree Officer,
Bruhat Bengaluru Mahanagara Palike

Translocations of Trees

Application No.: K RIDE/BYPL-HSRA/DL/TREE/TEC/02/2022 dtd 13.01.2022

Project Name: Baiyappannahalli – Hosur Railway Line Doubling Project

Working Area: Karmelaram to Baiyappannahalli Section, Bengaluru

Sl. No.	Tree No.	Tree Name	Girth (Mtr)	Height (Mtr)	Observation and Justification
1.	06	Kaadu Badam	0.48	4.00	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. The tree is healthy with feasibility for excavation of prescribed root ball; therefore qualifies for transplantation / translocation.
2.	07	Melingtonia	0.45	3.00	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. The tree is healthy with feasibility for excavation of prescribed root ball; therefore qualifies for transplantation / translocation.
3.	08	Mahogany	0.49	2.00	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. The tree is healthy with feasibility for excavation of prescribed root ball; therefore qualifies for transplantation / translocation.
4.	09	Thespesia	0.45	4.00	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. The tree is healthy with feasibility for excavation of prescribed root ball; therefore qualifies for transplantation / translocation.
5.	10	Thespesia	0.49	3.00	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. The tree is healthy with

					feasibility for excavation of prescribed root ball; therefore qualifies for transplantation / translocation.
6.	39	Echalu mara	0.42	3.00	The tree is young and healthy, hence recommended for transplantation
7.	40	Sandal wood	0.25	4.00	The tree is young and healthy, hence recommended for transplantation
8.	41	Sandal Wood	0.17	2.50	The tree is young and healthy, hence recommended for transplantation
9.	42	Sandal wood	0.16	2.00	The tree is young and healthy, hence recommended for transplantation
Total Translocation of trees = 09 Nos.					


 Deputy Conservator of Forests
 & Tree Officer,
 Bruhat Bengaluru Mahanagara Palike

Felling of Trees

Application No.: K RIDE/BYPL-HSRA/DL/TREE/TEC/02/2022 dtd 13.01.2022

Project Name: Baiyappannahalli – Hosur Railway Line Doubling Project

Working Area: Karmelaram to Baiyappannahalli Section, Bengaluru

Sl. No.	Tree No.	Tree Name	Girth (Mtr)	Height (Mtr)	Observation and Justification
1.	01	Thespesia	0.70	1.50	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. The tree is forked with weak branch unions, therefore does not qualify for transplantation / translocation.
2.	02	Neem	0.50	4.00	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. The tree is severely damaged where the cambial layer is ripped all along the trunk, therefore does not qualify for transplantation / translocation.
3.	04	<i>Muntingia calabura</i>	0.50	1.50	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the species character and transplantation cost the tree does not qualify for transplantation / translocation.
4.	05	Moringa	1.00	1.50	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (damaged / decayed) and transplantation cost the tree does not qualify for transplantation / translocation.
5.	11 11A	Jaali	0.92 0.89	3.00 3.50	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (dead) the tree does not qualify for transplantation / translocation.

6.	12	Jaali	2.00	4.00	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (dead) the tree does not qualify for transplantation / translocation.
7.	13 13 A	Jaali	1.20 1.20	3.50 3.50	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (submerged and partially decline) the tree does not qualify for transplantation / translocation.
8.	14	Jaali	1.15	3.00	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (submerged and partially decline) the tree does not qualify for transplantation / translocation.
9.	15	Sihihunse	0.70	4.00	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (submerged and partially decline) the tree does not qualify for transplantation / translocation.
10.	16	Jaali	1.40	3.50	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (dead) the tree does not qualify for transplantation / translocation.
11.	17 17 A 17 B	Jaali	1.00 0.23 0.53	3.50 3.00 2.50	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (submerged and partially decline) the tree does not qualify for transplantation / translocation.

12.	18 18 A	Jaali	0.50 0.40	3.00 4.00	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (submerged and partially decline) the tree does not qualify for transplantation / translocation.
13.	19 A	Jaali	0.50 0.50	4.00 4.00	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (submerged and partially decline) the tree does not qualify for transplantation / translocation.
14.	20	Sandal wood	0.40	4.50	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (very close to existing track) the tree does not qualify for transplantation / translocation. Sandalwood trees have to be extracted as per the provisions of Karnataka Forest Act and Rules. Extraction
15.	21	Jaali	1.40	4.00	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (submerged and partially decline) the tree does not qualify for transplantation / translocation.
16.	22 22 A	Jaali	0.80 1.30	3.50 4.50	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (submerged and partially decline) the tree does not qualify for transplantation / translocation.
17.	23	Jaali	0.50	4.00	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (submerged

					and partially decline) the tree does not qualify for transplantation / translocation.
18.	24	Jaali	0.80	3.50	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (dead) the tree does not qualify for transplantation / translocation.
19.	25	Jaali	1.60	4.50	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (dead) the tree does not qualify for transplantation / translocation.
20.	26	Sihihunse	1.04	4.50	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (dead) the tree does not qualify for transplantation / translocation.
21.	27	Jaali	1.20	4.00	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (dead) the tree does not qualify for transplantation / translocation.
22.	28	Jaali	1.20	4.00	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (submerged and partially decline) the tree does not qualify for transplantation / translocation
23.	29	Sihihunse	1.00	3.00	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (dead) the tree does not qualify for transplantation / translocation.
24.	30	Sihihunse	1.00	4.00	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on

					the topography. Considering the tree condition (dead) the tree does not qualify for transplantation / translocation.
25.	31	Jaali	1.00	2.50	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (dead) the tree does not qualify for transplantation / translocation.
26.	32	Jaali	0.94	3.00	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (dead) the tree does not qualify for transplantation / translocation.
27.	33	Jaali	1.00	2.50	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (submerged and partially decline) the tree does not qualify for transplantation / translocation.
28.	34	Jaali	1.40	3.00	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (submerged and partially decline) the tree does not qualify for transplantation / translocation.
29.	35	Sihihunse	1.30	3.00	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (submerged and partially decline) the tree does not qualify for transplantation / translocation.
30.	36	Jaali	1.50	2.50	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (submerged and partially decline) the tree does not qualify for transplantation / translocation.

31.	37	Hunase	2.20	2.50	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc..) based on the topography. Considering the tree condition (submerged and partially decline) the tree does not qualify for transplantation / translocation.
32.	38	Sihihunse	3.10	2.50	The tree is standing within the project area proposed for doubling (12 to 15m from existing line) of railway line and allied activities like construction of drainage channel and preparation of land (like formation of slope etc....) based on the topography. Considering the tree condition (submerged and partially decline) the tree does not qualify for transplantation / translocation.

Total Felling of trees = 32 Nos.


 Deputy Conservator of Forests
 & Tree Officer,
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