



ದೂರವಾಣಿ /ಫ್ಯಾಕ್ಸ್ - 080-23343464  
Email ID - [dcfurban82@yahoo.co.in](mailto:dcfurban82@yahoo.co.in)

ಕರ್ನಾಟಕ ಅರಣ್ಯ ಇಲಾಖೆ  
ಉಪ ಅರಣ್ಯ ಸಂರಕ್ಷಣಾಧಿಕಾರಿಯವರ ಕಛೇರಿ  
ಬೆಂಗಳೂರು ನಗರ ವಿಭಾಗ, ಅರಣ್ಯ ಭವನ ಸಂಕೀರ್ಣ, 18ನೇ ಅಡ್ಡರಸ್ತೆ, ಮಲ್ಲೇಶ್ವರಂ, ಬೆಂಗಳೂರು - 560 003  
**Office of the Deputy Conservator of Forests**  
Bangalore Urban Division, AranyaBhavanCompus. 18<sup>th</sup> cross, Malleshwaram, Bangalore-560003

No: A9/Tree Cutting /BMRCL/CR-543/2020-21

Date: 10/06/2022.

### **Official Memorandum**

Sub: Permission for felling of trees infringing the BMRCL Metro Rail Construction work between Central Silk Board (CSB) Junction to Kadubeesanahalli Metro Station upto Pier No 336) on ORR, Phase 2A, Package 1, Bengaluru-reg.

- Ref: 1. Hon'ble High Court Orders dtd 04-03-2020 and 18-11-2020 in WP 17841/2018
2. Letter No: BMRCL/Advisor-Civil/ORR/Ph-2A/2021/11884 Dated: 09.03.2021
  3. This office Official Memorandum letter No. A9/Tree Cutting /BMRCL/CR-543/2021-22/2454 dated: 09-12-2021.
  4. Letter No: BMRCL/ORR/Ph-2A/P1/2022/88/15240 dated: 24-03-2022.
  5. This Office Public Notice vide letter No: A9/Tree Cutting /BMRCL/CR- 543/2021-22 Dated: 18-04-2022.
  6. Letter No: RFO/K.R.Puram/ tree cutting/CR/205/2022-23 Dtd. 24-05-2022 O/o of The Range Forest Officer, K.R.Puram Range, K.R.Puram.
  7. Members Secretary and ACF BBMP, Bengaluru Letter No.ACF/PR.61/2021-22 Dtd. 07-12-2021 and ACF/PR-19/2022-23 Dtd. 10-06-2022 along with report and proceeding of Tree Expert Committee.

\*\_\*\_\*

#### **Preamble:-**

BMRCL submitted an application dated 09.03.2021 read at ref (2) above seeking permission for removal of 256 trees infringing the Metro Rail Construction work elevated viaduct of length 19.633 km from Central silk Board (CSB) Junction to K.R.Puram & upto Baiyappanahalli Depot (including Thirteen Elevated Metro Stations and Loops & Ramps, road Widening, Utility Diversions & Other allied works of Outer Ring Road (ORR) line of Phase-2A as per the directions issued by the Hon'ble High Court of Karnataka vide Order in WP No. 17841/2018 read at ref (1) above.

The processing and consideration of the application was taken up as per provisions of the Karnataka Preservation of Trees Act, 1976, and after following all the steps as stipulated under Memorandum of Procedure(MOP), the Tree Expert Committee had compiled its report and communicated to the undersigned vide letter No.ACF/PR.61/2021-22 Dtd.07-12-2021 along with relevant proceedings of 256 trees+12 unnumbered trees. The undersigned had issued the official memorandum for only 256 trees of the above said Metro Project Vide letter No: A9/Tree Cutting /BMRCL/CR-543/2021-22/2454 dated: 09-12-2021 for retention of 27 trees, translocation of 84 trees and felling of 145 trees read at ref(3).

During the earlier field visit, the TEC had found 12 unnumbered Eucalyptus trees which were standing at Kaadubeesanahalli Metro Station, but the undersigned had not issued any orders for the said 12 unnumbered Eucalyptus(Nilgiri)trees. Therefore BMRCL in continuation of their earlier proposal dtd 09-03-221, submitted another application dtd 24-03-2022 read at ref(4) for removal of 15 nos of additional trees(12 Unnumbered and 3 new additional Nilgiri trees) standing at Kadubeesanahalli Metro Station to the office of the undersigned. As stipulated under Section 8(3)(vii) of the Act, a public notice in Template No. 1 of the MOP was issued duly inviting the objections from the public read at ref(5). The public notice appeared in Deccan Herald, Vijaya Karnataka and Sanje Mugilu on 20.04.2022, The details of the 15 trees sought to be removed published on the website of Karnataka Forest /dept. aranya.gov.in as per the MOP.

In response to the public notice, there are no objections/suggestions received by the public for tree felling. Even though we have not received any objections/suggestions in all the cases of tree removal, the first attempt would be retention and translocation, as feasible and practical. Only thereafter, option of felling will be taken up. The proceedings of that consideration and comment were prepared on 02.05.2022, besides recording summary of the findings in Template No. 3 of the MOP.

As per BMRCL's application, there are 15 additional trees in the project area are sought to be removed for making way for public Infrastructure Project. Detailed enumeration of each of those 15 trees in terms of location, physical parameters, health and defects, etc. was organized from the forest officers in Part-I of Template No. 2 of the MOP. Thereafter, the same was verified by the undersigned and a preliminary assessment in terms of possibility of onsite retention or translocation or felling along with justification was carried out through inspection of those 15 trees on 07.05.2022 and recorded in Part-II of Template No. 2.

The proceedings regarding consideration of the objections, tabular statement of the findings along with summary, detailed enumeration and preliminary assessment along with justification for each of the 15 trees, and

information in Template No 2 and 3 were submitted vide letter dated 09.05.2022 for consideration by the TEC.

The TEC has submitted a detailed report dated 10.06.2022 giving their recommendations for onsite retention of one(1) tree and felling of 14 trees with justification, for each of them along with an abstract of the report in Template No. 4. It is noted from the report that the TEC carried out their activities in 4 stages, namely, (i) review of the application, objections received from the public and findings by the undersigned, (ii) review of preliminary assessment by the undersigned, (iii) their field inspection, and (iv) post inspection review and report preparation.

The TEC concluded that the out of 14 trees all the said trees need to be removed as they are falling within the following physical features of Metro Project.

<b>Physical Features</b>	<b>Tree Numbers</b>
Construction of proposed Metro Station(Entry and Exit Structures)	Tree No 1 to 14

The TEC has further concluded that 14 trees out of these 15 trees which were mentioned above are not suitable for translocation due to their health conditions and defects, as they have major defects or extraction of the root ball of adequate size is not practical. The TEC has accordingly recommended felling of those 14 trees.

The report of the TEC has been examined. The TEC has provided detailed specific justification for removal of each of the 15 trees, besides giving justification for retention or felling of the trees in Part-III of Template 2 as well as in Appendix to its report. The undersigned concurs with the recommendations and justification of the TEC for 15 trees.

As per the BMRCL Applications(dtd:9-03-2021 and 24-03-2022) submitted to this office, total 271 trees are coming under the project activities, out of which 256 trees the felling permission was given by this office on 09-12-2021 and 15 trees were remaining for approval.

Hence, the final assessment of the undersigned has been recorded in Part-IV of Template No. 2., the retention of one(1) tree and felling of 14 trees are essential for implementation of the metro project, which seeks to build a sustainable public transport system. The adverse impact of the felling of trees will have to be mitigated by directing BMRCL to take up compensatory plantation in adequate number.

Hence, the following order.

## Order

1. Permission is hereby granted for onsite retention of one (1) tree as listed with justification **Appendix-1**..
2. Permission is hereby also granted for removal of Fourteen (14) trees by way of felling as listed with justification in Template No. 6 appended to this Official Memorandum as **Appendix-2**.
3. This order will come into effect fifteen (15) days from the date of uploading of the order on the websites of BBMP and Karnataka Forest Department and serving by email on the petitioners in WP 17841/2018.
4. The order is subject to following directions to BMRCL.

### **A. Compensatory Plantation:**

- i. BMRCL to arrange compensatory Afforestation of One hundred and Forty(140) tall and healthy saplings, i.e., @ 10 saplings for each tree removed within Six(6) months from the date of the removal.
- ii. BMRCL to submit a plan for the compensatory plantation within Two(2) months from the date of this order.

### **B. Care & Maintenance of compensatory plantation, and their Reporting:**

- i. BMRCL should ensure proper and effective care and maintenance of the translocated trees and compensatory plantation for a period of 3 years.
- ii. BMRCL should also submit reports regarding condition of the compensatory plantation every quarter for a period of 3 years to the undersigned.

### **C. Storage & disposal of felled trees:**

- i. The extracted wood from Fourteen(14) trees to be felled should be deposited at Jarakabande Kaval Tenkey Depot with the Bangalore Range Forest Officer, through the Range Forest Officer, K.R.Puram for disposal.

Sd/-

**Tree Officer &  
Deputy Conservator of Forests  
Bengaluru Urban Division, Bangalore**

### **Copy to:**

1. Chairman, Tree Authority and Chief Conservator of Forests(Territorial),Bangalore for kind information.
2. Managing Director, BMRCL, 3rd Floor, BMTC Complex, Shanthinagara, Bengaluru - 560027.

3. General Manager, Social and Environment Management Unit, BMRCL, 5<sup>th</sup> Floor, BMTCL Complex, Shanthinagara, Bengaluru - 560027.
4. Sri Dattatraya T Devare, A-102 Natasha Golf View Apartments, Domlur Bengaluru- 560071, Petitioner in WP 17841/2018.
5. Bangalore Environment Trust, 10, Sirur Park B Street Seshadripuram Bengaluru – 560020, Petitioner in WP 17841/2018.
6. Assistant Conservator of Forests, BBMP & Member Secretary, Tree Expert Committee appointed by Hon'ble High Court in WP 17841/2018.
7. Assistant Conservator of Forests, South Sub Division, Bangalore for kind information and necessary action.
8. Range Forest Officer, K.R.Puram Range, K.R.Puram for kind information and necessary action.
9. Range Forest Officer, Bangalore Range, Bangalore for kind information and to store the extracted wood for departmental disposal.
10. Office Copy.



**Tree Officer &  
Deputy Conservator of Forests,  
Bengaluru Urban Division.**



## PARTICULARS ON TREES TO BE FELLED\*

*(to be prepared in compliance to Step 9 of the Memorandum of Procedure of TEC)*

Name of the user agency	Bangalore Metro Rail Corporation Limited
Purpose of the project	Construction of elevated viaduct from Central Silk Board (CSB) Junction and Kodibeesanahalli Metro Station(Up to Pier No 336) on ORR, Phase-2A, Package-1,
Extent of the project area	2.84 Km
Location of the project area	Central Silk Board (CSB) Junction and Kodibeesanahalli Metro Station(Up to Pier No 336) on ORR, Phase-2A, Package-1,  Start Point Lat: N 12° 55' 55.30" Long : E 77° 41' 11.72"  End Point Lat: N 12° 55' 54.46" Long : E 77° 41' 12.36"
Number of tree(s) enumerated in the project area	15
Number of tree(s) recommended for felling	14

\* Note:

List of the trees to be felled containing details of kind / species, girth, height, GPS coordinates should be appended to this template. These details should be extracted from relevant parts of Template 2.

Date: 10.06.2022



Tree Officer

&amp;

Deputy Conservator of Forests,  
Bangalore Urban Division, Bangalore



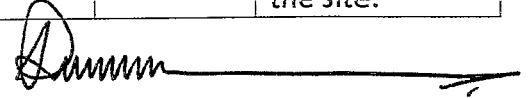


## Trees Recommended for Onsite Retention

Case / Application No: BMRCL/ORR/PH-2A/P1/2022/88/15240 dt: 24.03.2022

Sl. No.	Tree No	Tree name	GBH	Clear Bole Height (m)	Full Height (m)	Crown (m)	TEC Recommendation	Tree officer Decision	Justification
01	13	Eucalyptus	1.15	6.00	15.00	8.00	Retention	Retention	The tree forked and is coming on the edge of the proposed alignment. It can be retained on the site by pruning one branch. Recommended for retention on the site.
	13A		1.30	7.00	18.00	7.00			

Date: 10.06.2022



Tree Officer

&amp;

Deputy Conservator of Forests,  
Bangalore Urban Division, Bangalore.



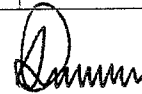
## Trees Recommended for Felling

Case / Application No: BMRCL/ORR/PH-2A/P1/2022/88/15240 dt: 24.03.2022

Sl. No.	Tree No	Tree name	GBH	Clear Bole Height (m)	Full Height (m)	Crown (m)	TEC Recommendations	Tree Officer Decision	Justification
1	1	Eucalyptus	1.80	9.00	25.00	14.00	Felling	Felling	The tree is located within the proposed alignment and recommended for felling.
2	2	Eucalyptus	1.00	1.00	15.00	12.00	Felling	Felling	The tree is forked and bended on the compound, not in healthy condition. Hence recommended for felling.
	2A		1.00	5.00	18.00	11.00			
3	3	Eucalyptus	1.42	5.00	19.00	10.00	Felling	Felling	The tree is coming within the proposed alignment and recommended for felling.
4	4	Eucalyptus	1.15	5.00	21.00	11.00	Felling	Felling	The tree is forked and is coming within the proposed alignment and recommended for felling.
	4A		0.85	4.00	20.00	11.00			
5	5	Eucalyptus	0.50	0.00	1.80	0.00	Felling	Felling	The tree is bended and not in healthy condition. Hence recommended for felling
6	6	Eucalyptus	1.10	5.00	20.00	8.00	Felling	Felling	The tree is coming within the proposed project area and recommended for felling.
7	7	Eucalyptus	0.70	6.00	15.00	7.00	Felling	Felling	The tree is already dead and recommended for

										falling.
8	8	Eucalyptus	1.07	7.00	18.00	8.00	Felling	Felling		The tree is coming within the proposed project area and forked, hence recommended for felling.
	8A		1.10	8.00	17.00	9.00				
9	9	Eucalyptus	1.25	4.00	19.00	10.00	Felling	Felling		The tree is coming within the proposed project area , hence recommended for felling.
10	10	Eucalyptus	1.80	9.00	21.00	8.00	Felling	Felling		The tree is coming within the proposed project area , hence recommended for felling.
	10A		1.25	9.00	20.00	7.00				
	10B		0.65	5.00	16.00	6.00				
	10C		0.45	5.00	15.00	5.00				
11	11	Eucalyptus	1.38	3.00	19.00	9.00	Felling	Felling		The tree is forked and matured. hence felling is essential.
	11A		1.00	5.00	18.00	10.00				
12	12	Eucalyptus	1.45	7.00	19.00	10.00	Felling	Felling		The tree is located within the proposed area and recommended for felling.
13	14	Eucalyptus	1.47	6.00	12.00	8.00	Felling	Felling		The tree is located within the proposed area and Matured. Recommended for felling.
14	15	Eucalyptus	0.86	4.00	13.00	7.00	Felling	Felling		The tree is bended and not healthy. hence felling is essential.

Dated: 10.06.2022

  
Tree Officer  
&

Deputy Conservator of Forests,  
Bangalore Urban Division, Bangalore.

**Report of Tree Expert Committee**  
regarding permission sought by BMRCL under Section  
**8 (2) and 8 (3) (vii) of Karnataka Preservation of Trees Act, 1976**

**Application No.:** BMRCL/ORR/Ph-2A/P1/2022/88/15240 dtd 24.03.2022

**Project Area:** Kaadubeesanahalli Metro Station coming under  
Construction of Metro Works along ORR, Phase 2A from  
Central Silk Board (CSB) Junction to Kodibeesanahalli upto  
Pier No. 331, Phase 2A, Package 1, Bengaluru

**Location:** Kadubeesanahalli Metro Station Area

**Dated :** June 2022



**Report of Tree Expert Committee regarding permission  
sought by BMRCL under Section 8 (2) and 8 (3) (vii)  
of Karnataka Preservation of Trees Act, 1976.**

Application No.: a. BMRCL/Advisor-Civil/ORR/P-2A/2021/11884 dtd. 09.03.2021  
b. BMRCL/ORR/Ph-2A/P1/2022/88/15240 dtd 24.03.2022

Project Area: Kaadubeessanahalli Metro Station for Construction of Metro Works  
along ORR, Phase 2A from Central Silk Board (CSB) Junction to  
Kodibeessanahalli upto Pier No. 331, Phase 2A, Package 1, Bengaluru

**BACKGROUND**

The BMRCL earlier had submitted an application dtd 09.03.2021 to the Tree Officer and Deputy Conservator of Forests, Bengaluru Urban Division for removal of 256 trees which were falling within the Construction Activities Zone of Elevated Viaduct and Metro Stations extending from Central Silk Board (CSB) Junction to K R Puram (Upto Baiyappanahalli Depot) of ORR area pertaining to Phase – 2A, over a length of 19.63 Kms.

After observing all the formalities as stipulated under Memorandum of Procedure (MOP), the Tree Expert Committee had compiled its report dtd December 2021 and communicated vide letter. No. ACF/PR 61/2021-22 dtd. 07.12.2021 to the Tree Officer along with the relevant Proceedings. At the time of Field Inspection, the Committee had also found 12 unnumbered trees standing at proposed Kaadubeessanahalli Metro Station which were getting affected by the BMRCL construction activities. The following was the summary of recommendations of the Committee based on the remarks as expressed in the Template-2 Part-III of each tree.

1. Total Trees examined/observed - **256 Nos Enumerated + 12 Nos Unnumbered**
2. Total Trees recommended for on-site retention - **27 Nos Enumerated**
3. Total Trees found suitable for translocation - **84 Nos Enumerated**
4. Total Trees for felling - **157 Nos**  
**(145 Nos Enumerated + 12 Nos Unnumbered)**

The Tree Officer, Bengaluru Urban Division based on the TEC Report had issued directions vide his OM No. A9/Tree Cutting/BMRCL/CR-543/2020-21/2454 dtd 09.12.2021 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. Out of these 256 enumerated trees standing between Central Silk Board (CSB) Junction to K R Puram (Upto Baiyappanahalli Depot), Phase 2A, Package 1, 27 trees were to be retained-on-site, 84 trees were to be translocated and the remaining 145 trees were to be removed.

The Kaadubeesanahalli Metro Station was also a segment which was covered under the above said OM dtd. 09.12.2021 of the DCF, Bengaluru Urban Division pertaining to 256 trees falling under Phase 2A, Package 1. At the Kaadubeesanahalli Metro Station, there were totally 07 enumerated trees (Tree Nos. 70, 71, 72, 73, 74, 225 & 226) including 01 Sandalwood tree (Tree No. 225) standing. Out of 07 enumerated trees, 02 enumerated trees were to be translocated (Tree Nos. 73 & 74) and 05 enumerated trees were to be removed (Tree Nos. 70, 71, 72, 225 & 226). During the earlier field visit, the TEC had found 12 unnumbered Eucalyptus trees which were standing at Kaadubeesanahalli Metro Station and they were getting affected by the construction activities of BMRCL. Therefore the same 12 unnumbered trees were examined and assessed. The Field Inspection Report prepared then and the connected TEC Report dtd December 2021 communicated to the Tree Officer at that time during December 2021 had a mention of the said 12 unnumbered Eucalyptus (Nilgiri) trees along with their assessment.

### PRESENT CASE

After perusal of the OM dtd 09.12.2021 of the DCF and Tree Officer, Bengaluru Urban Division involving 256 trees it is revealed that the Tree Officer had not issued any orders for the said 12 unnumbered Eucalyptus (Nilgiri) trees. Therefore the BMRCL in continuation of their earlier proposal dtd 09.03.2021, submitted another application dtd 24.03.2022 for removal of 15 Nos of additional trees standing at Kaadubeesanahalli Metro Station to the Tree Officer & Deputy Conservator of Forests, Bengaluru Urban Division. These 15 Nos of Eucalyptus (Nilgiri) trees included the 12 unnumbered Eucalyptus (Nilgiri) trees (which were recommended by TEC in the earlier TEC Report dtd December 2021) + 03 new additional Eucalyptus (Nilgiri) trees which were not included in their earlier application dated 09.03.2021. When enquired, the BMRCL Authorities stated that these trees were not included by them in their earlier application assuming that these trees are falling under exemption category.

In pursuance to the BMRCL supplementary application cited at (a) above pertaining to removal of 15 Eucalyptus (Nilgiri) trees, the matter was brought before the TEC in the meeting held on 29.04.2022 by the BMRCL and Tree Officer, Bengaluru Urban Division. Further they requested for an early disposal of this supplementary proposal pertaining to removal of additional 15 Nilgiri trees since the decision on the main proposal related to 256 trees standing at the Construction Activity areas under the project 'Construction of Elevated Viaduct and Metro Stations extending from Central Silk Board (CSB) Junction to K R Puram (Upto Baiyappanahalli Depot) of ORR area pertaining to Phase – 2A, over a length of 19.63 Kms. had already been taken during the month of December 2021.

The TEC firmly deliberated that the first option should be to consider possibility of retention of trees at the site itself. The second option, in the event of retention not being possible and removal being necessary, should be to explore the suitability of trees for the translocation. The felling should be the last option for those trees which cannot be retained on-site and are also not suitable for translocation. The TEC decided to make that assessment through the field inspection of each tree and hence for that purpose decided to visit the Project Area for field inspection.



### **Field Inspection by TEC:**

1. The field inspection for assessment of 15 Eucalyptus trees standing at the proposed Kaadubeesanahalli Metro Station for the Metro project was carried out by the TEC on 13.05.2022. The TEC at the time of Field Inspection observed that out of these 15 Eucalyptus trees, 12 Eucalyptus trees are the same which were examined and assessed by the TEC in their earlier Field Inspection held from 30.08.2021 to 02.09.2021 and only 03 Eucalyptus trees were newly added to the new list.

The Tree Officer and the Representatives of BMRCL were present at the project area with all necessary documents.

At the Project Area during the course of Field Inspection, the following activities were carried out by the TEC for assessment of each tree in the project area.

- i. Physical verification of the tree number and the associated information collected by the Forest Department Officers in Template 2 Part-I, including tree health / tree defects and general assessment as per provision to section 8(3) of the Act, 1976.
- ii. Confirmation regarding those trees being inside the project construction area.
- iii. Review of preliminary assessment of trees made by the Tree Officer in the Template 2 Part-II.
- iv. Discussion with BMRCL Representatives to explore possibility of carrying out the construction without removal of trees, and identification of such trees which can be retained on-site.
- v. Assessment of the general conditions of the trees to decide the feasibility of translocation/transplantation when retention-on-site was not possible.
- vi. Recording of TEC's remarks and recommendations for on-site retention / translocation / felling of trees as stipulated in Template 2 Part-III.

The Committee in its above set of activities was guided by the detailed procedure and prioritization formulated in Step-7 of the MOP.

### **Post-inspection Review and Report Preparation:**

2. Having completed the field inspection on 13.05.2022, the TEC met to review its findings and assessment and further to formulate its recommendations and prepare the report.
3. **Field Status:**

The total numbers of trees standing at the project site are 15 in number and the same are getting affected by the construction activities as stated by the Proponent Agency/Tree Officer.

Among these 15 numbers of trees, 12 trees are the same unnumbered trees which have already been mentioned in the earlier TEC Report dtd December 2021 communicated to the

Tree Officer, Bengaluru Urban Division and have been subsequently verified again during the course of present Field Inspection.

4. **On-site Retention:**

As per field inspection, out of the enumerated 15 trees, 01 tree has been identified to be considered for retention-on-site.

5. As verified during the field inspection, the 14 trees will have to be suggested either for translocation or felling as they are standing within the proposed following physical features of the Project as per BMRCL letter no. BMRCL/SEMU/EO/2022-23/3196 dtd. 02.06.2022.

Sl No	Physical Features	Tree No	Location of the trees
1	Construction of proposed Metro Station (Entry and Exit Structures)	01 to 14	Kaadubeesanahalli Metro Station

Since these 14 trees are standing in the construction activity area and hindering the project activities, their removal becomes inevitable.

6. **Translocation:** The next option considered by the TEC in case of those trees which could not be retained-on-site was translocation.

Having concluded that the retention of the above mentioned 14 trees are not possible, the TEC chose the next option of translocation of trees and assessed the suitability of each of these trees. In doing so, the TEC considered the following conditions, in addition to verification and consideration of the tree health / tree defects, etc., recorded in the Template -2, Part-I.

- i. Proximity of tree to building structures, trunks proximity to the cement / concrete or tarred surface so as to examine the feasibility of extraction of root ball;
- ii. The natural characteristics and aspects of species viz., ecologically and economically important species; species that could provide food (nectar, pollen, seeds and fruits) and nesting sources (materials and site) to various fauna;
- iii. The trees having below mentioned characteristics do not qualify for translocation. Trees having forked trunk, major wounds on the trunk, debarking, physical damage on the bark, scar due to fire, damage (girdling), rotting due to fungal infection (fruiting bodies of fungus, rotten core, hollowness) or pest infestation (presence of holes and frass as evidence of insect infestation), and dead / dried major branches, etc..
- iv. The availability of effective zone to extract the root-ball of sufficient size. The trees in the above category (iii) and those without adequate effective zone to extract the root-ball of sufficient size were specifically not recommended for the translocation.

Taking into consideration the above mentioned assessment attributes, the TEC found that there are no trees standing at the project area which are suitable for translocation.

Hence the total 15 number of trees were not found to be suitable either for retention on-site or for translocation, and hence will have to be felled.

7. **Recommendations of TEC:** The TEC carried out a thorough and multipronged scrutiny of all the trees to make its recommendations regarding:

- a) Trees which could be saved by retaining on-site as it is;
- b) Trees which should be translocated depending upon their general condition as assessed and ecological importance, in the event of (a) above not being possible;
- c) Trees recommended for removal in the event of (a) and (b) not being possible including the trees which are silviculturally matured or softwood trees and trees suffering from defects /damages.

Following is the summary of recommendations of the Committee based on the remarks as expressed in the Template-2 Part-III of each tree.

**Total number of trees standing in the Project Area  
at Kaadubeesanahalli Metro Station as per Field Inspection = 15 trees**

Particulars	Total No. of trees
Total Trees examined/observed	15 Nos.
Total Trees for retention-on-site	01 No.
Total Trees for felling	14 Nos.

In finalizing its report, the TEC has been guided by the process highlighted in Step-8 of the MOP, namely:

- i. Meticulous scrutiny of recommendations by the Tree Officer in compliance to the MOP;
- ii. Field inspection to assess each and every tree and record the status of tree and recommendation for its on-site retention/translocation/felling.

**8. Directions to BMRCL and DCF, BBMP**

- a) The TEC instructed that the concerned officers of BMRCL and DCF should get closely involved in all the entire field operations related to trees and saplings, maintain records pertaining to Compensatory Afforestation, both in respect of the works already executed and to be executed henceforth.
- b) BMRCL should be advised to raise Compensatory Afforestation on suitable lands in respect of trees to be removed by the process of translocation and felling. For each tree

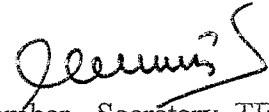
removed, 10 Nos. of tall healthy saplings should be planted and properly maintained for a period of 3 years. Periodic status reports must be submitted by BMRCL to the Tree Officer. It should be ensured that the greenery of Bengaluru is preserved and enhanced through effective maintenance of planted saplings, translocated trees and standing trees under all circumstances.

#### 9. Monitoring and Evaluation

Quarterly progress reports have to be submitted by the BMRCL to the Tree Officer who shall regularly monitor and evaluate the maintenance and protection works for conducive growth of saplings planted and trees translocated.

#### 10. Record Keeping:

- i. The Tree Officer is advised to maintain full records of the BMRCL application, its processing, field inspection, etc., for a minimum period of 3 years. The information collected in various templates as suggested in the MOP, especially Template-2 Part-1 to IV, should be maintained carefully.
- ii. An abstract of the recommendation of the TEC in Template No.4 and a detailed statement containing the recommendations with justification for each of the 15 trees covered herein are appended as Appendix to this report.



Member - Secretary, TEC,  
& Assistant Conservator of Forests,  
Bruhat Bengaluru Mahanagara Palike,  
Bengaluru.

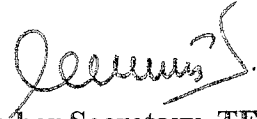
## APPENDIX

**Application No.:** BMRCL/ORR/Ph-2A/P1/2022/88/15240 dtd 24.03.2022

**Project Area:** Kaadubeesanahalli Metro Station coming under Construction of Metro Works along ORR, Phase 2A from Central Silk Board (CSB) Junction to Kodibeesanahalli upto Pier No. 331, Phase 2A, Package 1, Bengaluru

Sl. No.	Tree No.	Tree Name	Girth (Mtr)	Height (Mtr)	Observation and	Recommendation of TEC
1.	1	Eucalyptus Tree	1.80	25.00	Tree is coming within the proposed alignment and recommended for felling.	Felling
2.	2 2A	Eucalyptus Tree	1.00 1.00	15.00 18.00	The tree is forked and bended on the compound, not in healthy condition. Recommended for felling.	Felling
3.	3	Eucalyptus Tree	1.42	19.00	Tree is coming within the proposed alignment, recommended for felling.	Felling
4.	4 4A	Eucalyptus Tree	1.15 0.85	21.00 20.00	Tree is forked and coming within the proposed alignment. Recommended for felling.	Felling
5.	5	Eucalyptus Tree	0.50	1.80	Tree is bended, not healthy. Recommended for felling.	Felling
6.	6	Eucalyptus Tree	1.10	20.00	Tree is coming within the proposed project area. Recommended for felling.	Felling
7.	7	Eucalyptus Tree	0.70	15.00	Tree is already dead and recommended for felling	Felling
8.	8 8A	Eucalyptus Tree	1.07 1.10	18.00 17.00	Tree is coming within the proposed site and forked. Recommended for felling.	Felling
9.	9	Eucalyptus Tree	1.25	19.00	Tree is coming within the proposed are. Recommended for felling.	Felling
10.	10 10A 10B 10C	Eucalyptus Tree	1.80 1.25 0.65 0.45	21.00 20.00 16.00 15.00	Tree is multi-forked and bended. Not in healthy condition. Recommended for felling.	Felling
11.	11 11A	Eucalyptus Tree	1.38 1.00	19.00 18.00	Tree is forked and matured. Recommended for felling	Felling
12.	12	Eucalyptus Tree	1.45	19.00	Tree is coming within the proposed area. Recommended for felling.	Felling

13.	13 13A	Eucalyptus Tree	1.15 1.30	15.00 18.00	The tree forked and is coming on the edge of the proposed alignment. It can be retained on the site by pruning one branch. Recommended for retention on the site	Retention-On-Site
14.	14	Eucalyptus Tree	1.47	12.00	Tree is coming within the proposed area, matured. Recommended for felling.	Felling
15.	15	Eucalyptus Tree	0.86	13.00	Tree is bended and not healthy. Recommended for felling.	Felling



**Member Secretary, TEC  
& Assistant Conservator of Forests,  
Bruhat Bengaluru Mahanagara Palike**