

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. 18th cross, Malleshwaram, Bangaloe-560003

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

Date: 09 /12/2021.

Official Memorandum

Sub: Permission for felling of trees infringing the BMRCL Metro Rail Construction work of elevated viaduct of length 19.633 km from Central Silk Board (CSB) Junction to K.R.Puram & upto Baiyappanahalli Depot (including Thirteen Elevated Metro Sations and Loops & Ramps, road Widening, Utility Diversions & Other allied works of Outer Ring Road(ORR)line of Phase-2A.

Ref:1. Hon'ble High Court Order in WP 17841/2018

- BMRCL/Advisor-Civil/ORR/Ph-2A/2021/11884 2. Letter No: Dated:09.03.2021.
- 3. This Office Public Notice vide letter No: A9 /Tree Cutting /BMRCL/CR- 543/2021-22Dated: 13-07-2021.
- 4. Letter No: RFO/K.R.Puram/tree cutting/CR-38/2021-22 Dtd. 17.06.2021 O/o of The Range Forest Officer, K.R.Puram Range, K.R.Puram.
- Bengaluru Letter 5. Member Secretary and ACF BBMP, No.ACF/PR.61/2021-22 Dtd. 07-12-2021 along with report and Proceedings of Tree Expert Committee . ***_*_***

Preamble:-

BMRCL submitted a fresh 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 (hereinafter mentioned as "the Act") and the Memorandum of Procedure (hereinafter mentioned as "the MOP") formulated by the Tree Expert Committee (hereinafter mentioned as "the TEC"). 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, as the total number of trees proposed to be removed are more than 50, though the number at this location is 256 only. The public notice is issued by this office on 13.07.2021 appeared in Vijaya Vani & Deccan Herald news paper on 16.07.2021. The details of the project area, Number of trees to be removed, GPS Co-ordinates and physical details of those trees were uploaded in the website of BBMP & KFD, as per the MOP.

In response to the public notice, 24 Number of objections /suggestions were received from the general public. The proceedings of that consideration along with a tabular statement showing the objections from the public, and remarks and findings of the undersigned for each specific objection and comment were prepared on 14.08.2021, besides recording summary of the findings in Template No. 3 of the MOP.

As per BMRCL's application, there are 256 trees in the project area out of which 256 trees are sought to be removed for making way for public Infrastructure Project. Detailed enumeration of each of those 256 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 256 trees on 03.08.2021 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 256 trees, and information in Template No 2 and 3 were submitted vide letter dated 16.08.2021 for consideration by the TEC.

The TEC has submitted a detailed report dated 07.12.2021(received at this office on 08.12.2021) giving their recommendations for onsite retention of 27 trees, translocation of 84 trees and felling of 157(145+12 un numbered) 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 Chairman and Members have Suo motu considered Twelve (12) Number of Unnumbered trees which are not requested by BMRCL in its application dated 09.3.2021 and which has not figured in the Tree Enumeration list jointly prepared and verified by Forest Department and BMRCL. These 12 No of Trees have not been considered in the Public DCF Bangalore Notice dated 13.07.2021 issued by the Tree officer & urban as stipulated under Section 8(3)(vii) of the KTP Act 1976. It is pertinent to note that why the additional 12 No trees which was not requested by User Agency BMRCL for their public Infrastructure project has appeared in the TEC report dated 07.12.2021 related to this public project . The TEC report has surprised the Tree Officer. The undersigned noticed consideration of 12 Unnumbered trees not included in public notice will amount to the deviation to the MOP procedure which is adopted in the entire process. Hence these 12 Unnumbered trees have to be kept outside in considering the matter.

Excluding Twelve (12) Number of Unnumbered trees, the TEC has concluded that out of total 256 trees proposed for removal by BMRCL, the project activities can be carried out without removal of following 27 trees.

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Num	10,11,97,98,99,100,101,102,103,104,105,106,107,108,109,186 224,240,241,242,243,244,245,246,247,248 & 249
bers	Total = 27 Nos

The TEC concluded that the balance 229 trees need to be removed as they are falling within the Project area of BMRCL Project.

SI.No	Physical Features	Tree No	Location of the trees	
Construction of proposed Metro Station		01 to 11 & 127 to 213	Central Silk Board Junction (CSB & CSB Metro station)	
2	Construction of proposed Metro Station	214 to 217	HSR Metro Station	
3	Construction of proposed Metro Station	12 to 48	Agara Metro Station	
4	Construction of proposed Metro Station	218 to 223	Ibbalur Metro Station	

5	Construction of proposed Metro Station	49 to 69 and 224	Belandur Metro Station
6	Construction of proposed Metro Station	70 to 74 and 225,226	Kadubeesanahalli Metro Station
7	Construction of proposed Metro Station	75 to 84 and 227 to 235	Kodibeesanahalli Metro Station
8	Construction of proposed Metro Station	85 to 95	Marathahalli Metro Station
9	Construction of proposed Metro Station	96 to 109 and 236 to 249	ISRO Metro Station
10	Construction of proposed Metro Station	250 to 255	Doddanekundi Metro Station
11	Construction of proposed Metro Station	110 to 126 and 256	DRDO Metro Station

The TEC has further concluded that 84 trees out of these 229 trees are healthy and suitable for translocation. The TEC has accordingly recommended translocation of those 84 trees to save them. Based on the inspection and soil test reports of the proposed receptor sites, the TEC has confirmed suitability of those sites for the translocation.

The TEC has also concluded that trees out of these 145 trees out of 256 trees are not suitable for the translocation 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 145 trees.

The report of the TEC has been examined. The TEC has provided detailed specific justification for removal of each of the 256 trees, besides giving justification for translocation 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 256 trees only.

The final assessment of the undersigned has been recorded in Part-IV of Template No. 2 for 256 trees. The translocation of 84 trees and felling

of 145 trees are essential for implementation of the metro (BMRCL) making way of public infrastructure 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 refused for removal of Twenty Seven (27) trees listed in **Appendix 1**appended to this Official Memorandum. They should be retained at site only.
- 2. Based on the consideration detailed above, permission is hereby granted for removal of Eighty Four (84) trees by way of translocation as listed with justification in Template No. 5 appended to this Official Memorandum as **Appendix-2**.
- 3. Permission is hereby also granted for removal of One Hundred and Thirty eight (138) trees by way of felling as listed with justification, The Tree No 57 *Tabubia rosea* Recommended by TEC for onsite retention is also to be felled, in Template No. 6 appended to this Official Memorandum as **Appendix-3**. The remaining 7 No of trees (bearing Tree Nos 195,196,197,198,199,200,& 201 would be dealt separately)
- 4. Permission is denied for Twelve number (12) of Unnumbered trees , appearing in TEC report .
- 5. This order will come into effect fifteen (15) days from the date of uploading of the order in the website of BBMP and Karnataka Forest Department and serving by email on the petitioners in WP 17841/2018.
- 6. The order is subject to following directions to BMRCL.

A. Translocation of trees:

- i. The translocation should be carried out only at following location.
 - CMP Centre Training Centre area, HSR Layout, 1st Sector, 27th cross, Ibbluru, Bengaluru-560102 for Phase 2A package-1(56 trees to be translocated in the extent of 1.5 Ha)
 - 2) Bhoganahalli Lake area, Bengaluru in Bhoganahalli Sy No 21, Varthur-2 hobli, Bangalore East Taluk for Phase

2A package-2 (28 trees to be translocated in the extent of 0.64 Ha)

The translocation should be organized by competent agencies, at the cost of BMRCL as mentioned in Template 5.

The translocation should follow the methodology suggested by University of Agricultural Sciences, Bangalore, GKVK.

B. Compensatory Plantation:

- The BMRCL to arrange compensatory Afforestation of 2290 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.

C. Care & Maintenance of translocated trees and 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 Three (3) years.
- ii. BMRCL should also submit reports regarding condition of the translocated trees and the compensatory plantation every quarter(March-June-September and December respectively) for a period of Three(3) years to the undersigned and follow the appropriate recommendation of the Tree officer.

D. Storage & disposal of felled trees:

 The extracted wood from trees to be felled should be deposited at Jarakbande 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.

Copy to:

 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,5th Floor, BMTC 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. Advisor(ORR & APL), phase2-A/BMRCL, 3rd Floor, BMTC Complex, Shanthinagara, Bengaluru 560027
- 7. Assistant Conservator of Forests, BBMP& Member Secretary, Tree Expert Committee appointed by Hon'ble High Courtin WP 17841/2018.
- 8. Assistant Conservator of Forests, South Sub Division /North Sub Division, Bangalore for information and necessary action.
- 9. Range Forest Officer, K.R.Puram Range, K.R.Puram /Bangalore range for kind information and necessary action.

10. Office Copy.

Tree Officer &
Deputy Conservator of Forests,
Bangalore Urban Division, Bangalore.

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BMRCL Phase- 2A (Both Package 1 & 2) from Central Silk Board to K R Puram (Upto Baiyappanahalli Depot) of ORR with regard to the Forest Department, Bengaluru Urban Division. Total Number of trees - 256 Trees

Sl No.	Tree No.	Species Name	Girth (M)	Height (M)	TEC Recomme ndation	Tree Officer Decision	TEC Remarks
1	10	Ashoka	0.74	12.00	Retention	Retention	The standing position of the tree do not hinder any of the project related proposed construction activities. Recommendation: Retention
2	11	Tabeubi a rosea	1.00	15.00	Retention	Retention	The standing position of the tree do not hinder any of the project related proposed construction activities. Recommendation: Retention
3	97	Acacia	1.28	4.00	Retention	Retention	The Tree is falling on the property development area of ISRO metro station, it will not obstruct the project activity Hence, it is recommended for retention, Recommendation: Retention
4	98	Acacia	0.91	4.50	Retention	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity Hence, it is recommended for retention, Recommendation: Retention
5	99	Sandalw ood	0.21	1.50	Retention	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity Hence, it is recommended for retention, Recommendation: Retention
6	100	Sandalw ood	0.24	2.50	Retention	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity Hence, it is recommended for retention, Recommendation: Retention
7	101	Acacia	1.17	5.00	Retention	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity Hence, it is recommended for retention Recommendation: Retention

8	102	Acacia	1.26	5.00	Retention	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity Hence, it is recommended for retention Recommendation: Retention
9	103	Acacia	1.15	6.00	Retention	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity Hence, it is recommended for retention Recommendation: Retention
10	104	Sandalw ood	0.28	2.00	Retention	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity Hence, it is recommended for retention Recommendation: Retention
11	105	Sandalw ood	0.20	2.00	Retention	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity Hence, it is recommended for retention Recommendation: Retention
12	106	Baage	1.17	4.00	Retention	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity Hence, it is recommended for retention Recommendation: Retention
13	107	Nilgiri	0.74	4.00	Retention	Retention	The Tree is falling on the property development area of ISRO metro station. it will not obstruct the project activity Hence, it is recommended for retention Recommendation: Retention
14	108	Nilgiri	1.02	5.00	Retention	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity Hence, it is recommended for retention, Recommendation: Retention
15	109	Spathod ea	0.38	5.00	Retention	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity Hence, it is recommended for retention, Recommendation: Retention

							The standing position of the
16	186	Royal palm	1.86	13.00	Retention	Retention	tree do not hinder any of the project related proposed construction activities. Recommendation: Retention
17	224	Rain tree	1.00	5.00	Retention	Retention	The tree is coming on the edge of the proposed alignment. Hence it is recommended for retention on the site Recommendation: Retention
18	240	Nerale	1.24	5.00	Retention	Retention	The Tree is falling on the property development area of ISRO metro station, it will not obstruct the project activity, hence, it is recommended for retention. Recommendation: Retention
19	241	Maavu	0.30	2.50	Retention	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity, hence, it is recommended for retention. Recommendation: Retention
20	242	Maavu	0.33	2.50	Retention	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity, hence, it is recommended for retention. Recommendation: Retention
21	243	Nerale	0.45	3.00	Retention	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity, hence, it is recommended for retention. Recommendation: Retention
22	244	Nerale	0.31	3.50	Retention	Retention	The Tree is falling on the property development area of ISRO metro station.it will not obstruct the project activity, hence, it is recommended for retention. Recommendation: Retention
23	245	Nerale	0.29	2.50	Retention	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity, hence, it is recommended for retention. Recommendation: Retention
24	246	Nerale	0.30	2.50	Retention	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity,

25	247	Nerale	0.21	3.00	Retention	Retention	hence, it is recommended for retention. Recommendation:Retention The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity, hence, it is recommended for retention. Recommendation:Retention
26	248	Bevu	0.75	4.00	Retention	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity, hence, it is recommended for retention. Recommendation: Retention
27	249	Nerale	0.20	2.00	Retention	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity, hence, it is recommended for retention. Recommendation: Retention

Total no. of trees recommended for Retention

27 Nos

Tree Officer and

Deputy Conservator of Forests Banaglore Urban Division, Bangalore.

TEMPLATE No. 5 PARTICULARS ON TRANSPLANTATION / TRNSLOCATION OF TREE(S)*

(to be prepared in compliance to Step 10 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 to K.R Puram & upto Baiyappanahalli Depot
Extent of the project area	19.633 Km
Location of the project area	Between Central Silk Board (CSB) Junction to to K.R Puram & upto Baiyappanahalli Depot
	Start Point Lat: N 12° 54' 58.13" Long: E 77° 37' 04.11"
	End Point Lat: N 12° 59' 59.62" Long: E 77° 40' 39.38"
Number of tree(s) enumerated in the project area	256
Number of tree(s) recommended for transplantation / translocation	84
Feasibility of the tree for transplantation / translocation (as per Template No. 2 – Tree Assessment Form)	All the trees are feasible fo Transplantation/Translocation
Name of the agency identified to execute transplantation / translocation	M/s. Afcons Infrastructure Ltd, #8, Amar Building, First Floor, 14 th Main, Sector-5 HSR Layout, Bengaluru-560102 – 56 Trees M/s Shankaranarayana Constructions Private Limited, "SNC House", 4th Floor, No.7, Residency
Transplantation / Translocation methodology	Road, Bangalore - 560 025 - 28 Trees Tree Bur lapping Method
Location of receptor site	1. Bhoganahalli Lake,near Doddakannelli road, Bangalore,Karnataka-560103 – 28 Trees Co-ordinates: 12° 55' 22.8" N 77° 41' 52.8" E 2. CMP Centre, Training area, HSR 1st Sector, 27th Cross, Ibbluru, Bengaluru- 560102 – 56 Trees Co-ordinates: N 12° 55' 07.4" E 77° 39' 55.5"
Compatibility of receptor site	Soil investigation for the above location carried out and found suitable. Investigation reports attached
Number of trees to be transplanted / translocated to the selected receptor site	1. Bhoganahalli Lake,near Doddakannelli road, Bangalore,Karnataka-560103 – 28 Trees Co-ordinates: 12° 55' 22.8" N 77° 41' 52.8" E

	2. CMP Centre, Training area, HSR 1st Sector, 27th Cross, Ibbluru, Bengaluru- 560102 – 56 Trees Co-ordinates: N 12° 55' 07.4" E 77° 39' 55.5"
Spacing between transplanted/ translocated trees	5 to 6 mts
Post care management	Proper manure and watering for survival of transplanted/translocated trees

The project authorities /user agency should strictly adopt the Transplantation/Translocation guidelines prescribed by UAS (B), GKVK, Bengaluru enclosed as Annexure- 1 to MoP.

Tree Officer & DCF Bangalore Urban Division, Bangalore

BMRCL Phase- 2A (Both Package 1 & 2) from Central Silk Board to K R Puram (Upto Baiyappanahalli Depot) of ORR with regard to the Forest Department, Bengaluru Urban Division. Total Number of trees - 256 Trees

SI No.	Tree No.	Species Name	Girth (M)	Heigh t (M)	TEC Recommend ation	Tree Officer Decision	Justification
1	2	Ashoka	0.65	12.00	Translocation	Translocation	Construction of pillar (no. DP-22) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is standing very close to tree no.1, however with appropriate care the root ball should be excavated and processed during transplantation / translocation. Recommendation: Translocation / Transplantation
2	3	Sihihunase	0.22	4.00	Translocation	Translocation	Construction of pillar (no. DP-22) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is close to other trees (tree Nos 4, 5, 6 and 7), however the congenial field / health condition of the tree qualifies the tree for translocation / transplantation (with appropriate care). Recommendation: Translocation / Transplantation
3	12	Rudrakshi	0.53	12.00	Translocation	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is multi-forked, however the no. 12B is recommended for transplantation / translocation by following appropriate procedure. Recommendation: Translocation / Transplantation
4	14	Rudrakshi	0.57	10.00	Translocation	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is multi-forked, however the no. 14A is recommended

							for transplantation / translocation by following appropriate procedure. Recommendation: Translocation / Transplantation Construction of elevated Metro
5	18	Mahagony	1.00	12.00	Translocation	Translocation	Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
6	20	Honge	0.44	8.00	Translocation	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
7	23	Atti	0.47	10.00	Translocation	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The health condition of the tree qualifies the tree for transplantation / translocation, however the tree should be carefully excavated. Recommendation: Translocation / Transplantation
8	26	Ranjal	0.32	8.00	Translocation	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
9	27	Honge	0.87	10.00	Translocation	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
10	28	Ranjal	0.36	8.00	Translocation	Translocation	Construction of elevated Metro Station (Agara) in the standing

5							position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
11	31	Honge	0.25	5.00	Translocation	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
12	32	Ranjal	0.56	10.00	Translocation	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
13	33	Honge	0.52	8.00	Translocation	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
14	35	Rain Tree	0.23	5.00	Translocation	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
15	37	Honge	0.74	10.00	Translocation	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
16	38	Dalichandra	0.45	13.00	Translocation	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The

							field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
17	40	Rain Tree	0.23	6.00	Translocation	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
18	41	Spathodea	0.21	4.00	Translocation	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
19	43	Rain Tree	0.77	13.00	Translocation	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
20	45	Atti	0.85	9.00	Translocation	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
21	47	Spathodea	0.20	6.00	Translocation	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
22	49	Kanagale	0.30	3.00	Translocation	Translocation	The tree is falling on Metro alignment and it will obstruct the construction of

							BELLENDUR STATION The tree is very young and can be transplanted to nearby area Recommendation: Transplantation
23	50	Kanagale	0.30	2.50	Translocation	Translocation	The tree is very young and can be transplanted to nearby area Recommendation: Transplantation
24	51	Kanagale	0.33	3.00	Translocation	Translocation	The tree is very young and can be transplanted to nearby area Recommendation: Transplantation
25	53	Akasha Mallige	0.65	10.00	Translocation	Translocation	The tree is multi-forked and coppicing. The main branch can be transplanted. Recommendation: Transplantation
26	60	Tabubia Rosia	0.87	10.00	Translocation	Translocation	The tree is small in size and healthy condition. Hence it is recommended for transplantation Recommendation: Translocation
27	62	Honge	0.35	4.00	Translocation	Translocation	The tree is young and healthy condition. Hence it is recommended for transplantation Recommendation: Translocation
28	67	Tabubia Rosia	0.83	12.00	Translocation	Translocation	The tree is healthy and young. Hence it is recommended for transplantation. Recommendation: Translocation
29	73	Rain Tree	0.74	6.00	Translocation	Translocation	The tree is young and healthy. Hence it is recommended for transplantation Recommendation: Translocation
30	74	Rain Tree	0.52	6.00	Translocation	Translocation	The tree is falling on Metro alignment and it will obstruct the construction of kadubeesanahalli station The tree is young and healthy, Hence it is recommended for transplantation Recommendation: Translocation
31	82	Honge	0.32	3.50	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree is very young and can be

1							transplanted to nearby area.
						25	Recommendation: Transplantation
32	83	Honge	0.30	3.00	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree is young and can be transplanted to nearby area. Recommendation:
33	86	Mahagony	0.30	5.00	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of Marathalli Metro station building works. The tree is young and healthy Recommendation: Transplantation
34	89	Kadubadam i	0.38	4.00	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of Marathalli Metro station building works. The tree is young and healthy Recommendation: Transplantation
35	93	Kadubadam i	0.49	6.00	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of Marathalli Metro station building works. The tree is young and can be transplanted nearby area Recommendation: Transplantation
36	94	Mahagony	0.28	4.50	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of Marathalli Metro station building works. The tree is young and can be transplanted. Recommendation: Transplantation
37	96	Bilvara	0.20	3.50	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of ISRO Metro station building works. Tree is having straight bole and found healthy, hence, it is recommended for translocation. Recommendation:

38	110	Begonia	0.28	6.00	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree is young and healthy, hence, recommended for translocation. Recommendation: Transplantation
39	111	Canocarpus	0.42	4.00	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree is having straight bole, and not found any visible significant defective symptoms. Hence, it is recommended for translocation. Recommendation:
40	112	Canocarpus	0.40	3.50	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree is young and healthy and it is slant. Hence, it is recommended for translocation. Recommendation:
41	113	Begonia	0.33	4.00	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree is having straight bole, and not found any significant visible defective symptoms. Hence, it is recommended for translocation. Recommendation :Transplantation
42	116	Akasha Mallige	0.36	3.50	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree is young and healthy, hence, it is recommended for translocation. Recommendation :Transplantation
43	117	Akasha Mallige	0.24	4.00	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of

							DRDO Metro station building works. Tree has forked branches but tree is young and healthy, hence, it is recommended for translocation. Recommendation :Transplantation The Tree is falling on the
44	118	Akasha Mallige	0.25	4.00	Translocation	Translocation	Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree is young and healthy, hence, it is recommended for translocation. Recommendation :Transplantation
45	119	Akasha Mallige	0.25	4.50	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree is very young, and it is having straight bole and not found any visible defective symptoms. Hence, it is recommended for translocation. Recommendation: Transplantation
46	120	Akasha Mallige	0.29	4.50	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree is young and healthy, hence, it is recommended for translocation. Recommendation: Transplantation
47	121	Akash Mallige	0.21	2.00	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree has forked branches, but tree is healthy, hence, it is recommended for translocation. Recommendation :Transplantation
48	122	Akasha Mallige	0.23	3.50	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree is having straight bole and not found any visible

							defective symptoms. Hence, it is recommended for translocation. Recommendation :Transplantation
49	123	Akasha Mallige	0.24	2.50	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree is young and healthy, hence, recommended for translocation. Recommendation :Transplantation
50	124	Akasha Mallige	0.26	2.50	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Treee is healthy, hence, recommended for translocation. Recommendation :Transplantation
51	125	Akasha Mallige	0.31	3.50	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree is healthy and young and not found any visible defective symptoms. Hence, it is recommended for translocation. Recommendation:
52	126	Akasha Mallige	0.25	2.00	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree has forked branches and it is bent. Tree is young, hence, it is recommended for translocation. Recommendation:
53	134	Atti	0.45	3.50	Translocation	Translocation	Construction of pillar (no. A8) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is very close an existing well, therefore appropriate procedure with utmost care should be taken while translocation / transplantation.

			1		Ĭ		Recommendation:
					J.		Translocation / Transplantation
54	136	Atti	1.02	10.00	Translocation	Translocation	Construction of pillar (no. A10) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The field condition of the tree qualifies the tree for translocation / transplantation. Recommendation: Transplantation
55	143	Arali	2.00	9.00	Translocation	Translocation	Construction of elevated viaduct (roadways), where the height of the viaduct is approx. 6m, while the height of the tree is 9m, therefore the tree cannot be retained. The field condition of the tree qualifies the tree for translocation / transplantation. Recommendation: Translocation / Transplantation
56	144	Honge	0.84	9.00	Translocation	Translocation	Construction of elevated viaduct (roadways), where the height of the viaduct is approx. 6m, while the height of the tree is 7m, therefore the tree cannot be retained. The tree field / health condition of the tree qualifies the tree for translocation / transplantation. Recommendation: Translocation / Transplantation
57	148	Spathodea	0.48	5.00	Translocation	Translocation	Construction of pillar (no. A14) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
58	159	Honge	0.38	2.00	Translocation	Translocation	Construction of pillar (no. B5) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation

59	160	Kambada mara	0.53	6.00	Translocation	Translocation	Construction of pillar (no. B5) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
60	161	Kambada mara	0.70	6.00	Translocation	Translocation	Construction of pillar (no. B5) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
61	162	Kambada mara	0.56	6.00	Translocation	Translocation	Construction of pillar (no. B5) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
62	163	Kambada mara	0.70	6.00	Translocation	Translocation	Construction of pillar (no. A17) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
63	164	Kambada mara	0.75	4.00	Translocation	Translocation	Construction of pillar (no. A17) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation

64	165	Kambada mara	0.73	5.00	Translocation	Translocation	Construction of pillar (no. A17) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Transplantation
65	166	Kambada mara	0.70	5.00	Translocation	Translocation	Construction of pillar (no. A17) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
66	170	Kadu badami	0.26	5.00	Translocation	Translocation	Construction of pillar (no. B7) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
67	173	Kambada mara	0.70	3.00	Translocation	Translocation	The position / space of the tree will be utilized for supporting stalks for construction structures of viaducts (roadways), therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
68	174	Kambada mara	0.52	3.00	Translocation	Translocation	The position / space of the tree will be utilized for supporting stalks for construction structures of viaducts (roadways), therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation:

•							Translocation / Transplantation
69	175	Kambada mara	0.52	5.00	Translocation	Translocation	The position / space of the tree will be utilized for supporting stalks for construction structures of viaducts (roadways), therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
70	176	Kambada mara	0.53	4.00	Translocation	Translocation	The position / space of the tree will be utilized for supporting stalks for construction structures of viaducts (roadways), therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
71	177	Hunase	0.25	3.00	Translocation	Translocation	The position / space of the tree will be utilized for supporting stalks for construction structures of viaducts (roadways), therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
72	202	Atti	1.03	8.00	Translocation	Translocation	Construction of pillar (no. RP7 & 8) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
73	206	Nerale	0.41	6.50	Translocation	Translocation	Construction of pillar (no. RP9) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for

		4					transplantation / translocation.
							Recommendation:
					1		Translocation /
				l'			Transplantation
74	207	Halasu	0.94	11.00	Translocation	Translocation	Construction of pillar (no. RP9 & 10) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation:
							Transplantation
75	208	Peltophoru m	0.43	7.00	Translocation	Translocation	Construction of pillar (no. RP9 & 10) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation, except 208B, which may be treated appropriately. Recommendation: Translocation / Transplantation
76	209	Peltophoru m	0.30	6.00	Translocation	Translocation	Construction of pillar (no. RP10) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation. Recommendation: Translocation / Transplantation
77	220	Hebbevu	0.40	9.00	Translocation	Translocation	The tree is young and healthy condition. Hence recommended for transplanation Recommendation: Translocation
78	221	Mavu	0.60	3.50	Translocation	Translocation	The tree is falling on Metro alignment and it will obstruct the construction of Iblur station The Tree is young and healthy, hence it is recommended for transplantation. Recommendation: Translocation

79	230	Tabebuia rosea	0.37	6.00	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree small branches can be removed and main tree can be transplanted to nearby area. Recommendation:
80	231	Tabebuia rosea	0.58	7.50	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree is young and can be transplanted to nearby area. Recommendation: Translocation
81	232	Atti	1.00	8.00	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree is multi-forked and bended. One of the branch can be transplanted nearby area Recommendation: Transplantion
82	237	Atti	0.23	2.50	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of ISRO Metro station building works. Tree is very small, and healthy, hence, it is recommended for translocation. Recommendation: Transplantation
83	252	Shivane	0.20	3.50	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DODDENAKUNDI Metro station building works. Tree is young and healthy, having straight bole, hence recommended for translocation Recommendation: Transplantation
84	253	Honge	0.40	2.50	Translocation	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DODDENAKUNDI Metro station building works. Tree is young and healthy, hence,

	recommended for	* 18 10 IS
	translocation.	
	Recommendation	
	:Transplantation	

Total no. of trees recommended for Translocation =

84 Nos

Tree officer and

Deputy Conservator of Forests Bangalore Urban division, Bangalore

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 to K.R Puram & upto Baiyappanahalli Depot
Extent of the project area	19.633 Km
Location of the project area	Between Central Silk Board (CSB) Junction to to K.R Puram & upto Baiyappanahalli Depot Start Point Lat: N 12° 54' 58.13" Long: E 77° 37' 04.11" End Point Lat: N 12° 59' 59.62" Long: E 77° 40' 39.38"
Number of tree(s) enumerated in the project area	256
Number of tree(s) recommended for felling	139 * The Seven Nos trees - 195,196,197,198,199,200 & 201 Would be dealt separately

* 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:

Tree Officer

Deputy Conservator of Forests Bangalore Urban Division, BANGALORE

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BMRCL Phase- 2A (Both Package 1 & 2) from Central Silk Board to K R Puram (Upto Baiyappanahalli Depot) of ORR with regard to the Forest Department, Bengaluru Urban Division. Total Number of trees - 256 Trees

SI No.	Tree No.	Species Name	Girth (M)	Height (M)	TEC Recommen dation	Tree Officer Decision	Justification
1	1	Ashoka	0.80	10.00	Felling	Felling	Construction of pillar (no. DP-22) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and standing very close to tree no.2, therefore the tree cannot be transl0ocated / transplanted. Recommendation: Felling
2	4	Sihihunas e	0.55	7.00	Felling	Felling	Construction of pillar (no. DP-22) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is forked with weak branch union and do not qualify for transplantation / translocation. Recommendation: Felling
3	5	Honge	0.95	10.00	Felling	Felling	Construction of pillar (no. DP-22) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is multi forked with weak branch union, also the tree is very close to nearby trees (tree nos 4, 6, 7) and do not qualify for transplantation / translocation. Recommendation: Felling
4	6	Honge	0.82	13.00	Felling	Felling	Construction of pillar (no. DP-22) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is very close to nearby trees (tree Nos 4, 5, 7), thereby preventing applicable size of root ball for excavation, therefore do not qualify for transplantation / translocation. Recommendation: Felling
5	7	Ashoka	0.72	9.00	Felling	Felling	Construction of pillar (no. DP-22) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree

							is very close to nearby trees (tree Nos 4, 5, 7), thereby preventing applicable size of root ball for excavation, therefore do not qualify for transplantation / translocation. Recommendation: Felling
6	8	Tabeubia rosea	0.80	10.00	Felling	Felling	Construction of pillar (no. DP-23) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is very close to nearby tree no. 9, thereby preventing applicable size of root ball for excavation, therefore do not qualify for transplantation / translocation. Recommendation: Felling
7	9	Tabeubia rosea	0.78	11.00	Felling	Felling	Construction of pillar (no. DP-23) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is multiforked with weak branch union and standing very close to nearby tree no. 8, thereby preventing applicable size of root ball for excavation, therefore do not qualify for transplantation / translocation. Recommendation: Felling
8	13	Spathodea	2.41	16.00	Felling	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
9	15	Nerale	1.20	14.00	Felling	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
10	16	Teak	0.89	10.00	Felling	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured with decay at base and bent towards one side, therefore cannot be recommended for transplantation / translocation.

							Recommendation: Felling
11	17	Teak	1.08	15.00	Felling	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
12	19	Honge	0.67	6.00	Felling	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured with weak branch union, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
13	21	Mahagon y	0.95	14.00	Felling	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured with weak branch union, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
14	22	Honge	0.90	12.00	Felling	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured with weak branch union and bent, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
15	24	Mahagon y	1.00	14.00	Felling	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
16	25	Tabeubia rosea	0.79	25.00	Felling	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured and multi-forked, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
17	29	Honge	0.63	10.00	Felling	Felling	Construction of elevated Metro Station (Agara) in the standing

			*		,		position of the tree, therefore the tree cannot be retained. The tree is matured and crooked in shape, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
18	30	Rain Tree	1.06	14.00	Felling	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured with weak branch unions, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
19	34	Honge	0.57	8.00	Felling	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is multi-forked with weak branch unions, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
20	36	Hoovarasi	0.85	10.00	Felling	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is multi-forked with weak branch unions, therefore cannot be recommended for transplantation / ranslocation. Recommendation: Felling
21	39	Mahagon y	1.15	14.00	Felling	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
22	42	Spathodea	1.10	2.00	Felling	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
23	44	Rain Tree	0.68	8.00	Felling	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured and forked, therefore cannot be recommended for

•							transplantation / translocation. Recommendation: Felling
24	46	Rain Tree	0.73	8.00	Felling	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is multi-forked with weak branch unions, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
25	48	Rain Tree	0.24	5.00	Felling	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is severely damaged at the portion where it touches the existing compound wall, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
26	52	Neem	0.72	6.00	Felling	Felling	The tree is fully bended, not possible for transplantation. Recommendation: Felling
27	54	Akasha Mallige	0.63	12.00	Felling	Felling	Multiple branches from ground level and bended, hence recommended for felling Recommendation: Felling
28	55	Akasha Mallige	1.00	12.00	Felling	Felling	The tree bark is damaged and branches were cut, hence recommended for felling Recommendation: Felling
29	56	Akasha Mallige	1.10	12.00	Felling	Felling	The tree is forked, bended and near to the compound wall, difficult to take root ball, hence recommended for felling Recommendation: Felling
30	57	TabubiaR osia	1.40	10.00	Retention	Felling	The tree is coming on the boundary line of proposed Metro Station. Its is recommended to fell the tree. hence recommended for felling Recommendation: Felling
31	58	Akasha Mallige	0.83	10.00	Felling	Felling	The tree is multiforked, bended and branches were cut. Hence recommended for felling Recommendation: Felling
32	59	Tabubia Rosia	1,18	12.00	Felling	Felling	The tree is mature coming within the project alignment. Hence recommended for felling Recommendation: Felling
33	61	Tabubia Rosia	0.94	10.00	Felling	Felling	The tree roots are exposed and branches are cut, hence recommended for felling Recommendation: Felling

34	63	Akasha mallige	0.59	10.00	Felling	Felling	The tree is located next to the compound wall, not possible to take root ball. Hence it is recommended for felling Recommendation: Felling
35	64	Tabubia Rosia	1.00	10.00	Felling	Felling	Tree bark is damaged and branches were cut. Hence it is recommended for felling Recommendation: Felling
36	65	Akasha Mallige	0.86	10.00	Felling	Felling	The tree is bended, branches were cut and multi coppiced from the ground. Hence recommended for felling Recommendation: Felling
37	66	Akasha Mallige	0.81	12.00	Felling	Felling	The tree is bended and branched. Hence it is recommended for felling Recommendation: Felling
38	68	Tabubia Rosia	1.05	10.00	Felling	Felling	The tree is matured, branches are pruned and located near compound wall. Hence recommended for felling Recommendation: Felling
39	69	Honge	0.92	10.00	Felling	Felling	The tree is falling on Metro alignment and it will obstruct the construction of BELLENDUR STATION The tree is bended and multiple branches. Hence it is recommended for felling Recommendation: Felling
40	70	Rain Tree	0.76	7.00	Felling	Felling	The tree is falling on Metro alignment and it will obstruct the construction of kadubeesanahalli station The tree is situated near the compound wall and not possible to take root ball. Hence it is recommended for felling Recommendation: Felling
41	71	Rain Tree	0.87	7.00	Felling	Felling	The two trees are entangled to each other near the compound wall. Hence not possible to take root ball, recommended for felling Recommendation: Felling
42	72	Rain Tree	0.64	6.00	Felling	Felling	The two trees are entangled to each other near the compound wall. Hence not possible to take root ball, recommended for felling Recommendation: Felling
43	75	Baage	0.88	6.00	Felling	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station

							building works. Both Bage and
×							Honge roots are entangled to
							each other and bended. It is not
							possible to take root ball. Recommendation: Felling
							The Tree is falling on the Metro
							alignment and it will obstruct the
					*		Construction of
44						Falling	Kodibeesanahalli Metro station
44	76	Honge	0.41	4.00	Felling	Felling	building works. Both Bage
							and Honge roots are entangled
							to each other and bended. It is not possible to take root ball.
							Recommendation : Felling
1							The Tree is falling on the Metro
					176		alignment and it will obstruct the
							Construction of
45	77	Cherry	0.47	2.00	Felling	Felling	Kodibeesanahalli Metro station
							building works. The tree branches were cut and the tree is
							partially dead
							Recommendation : Felling
							The Tree is falling on the Metro
							alignment and it will obstruct the
46						Falling	Construction of Kodibeesanahalli Metro station
40	78	Spathodea	1.47	9.00	Felling	Felling	building works. The tree is
							matured and forked from the
							ground level.
						(4)	Recommendation : Felling
							The Tree is falling on the Metro
		2					alignment and it will obstruct the Construction of
47	79	Rain Tree	1.00	8.00	Felling	Felling	Kodibeesanahalli Metro station
					٥		building works. The tree is
							bending and bark is damaged.
							Recommendation: Felling
				l l			The Tree is falling on the Metro alignment and it will obstruct the
4.0						<u></u>	Construction of
48	80	Rain Tree	1.59	10.00	Felling	Felling	Kodibeesanahalli Metro station
							building works. The tree is
							matured, forked and bended.
							Recommendation : Felling The Tree is falling on the Metro
							alignment and it will obstruct the
						F	Construction of
49	81	Cherry	0.60	2.50	Felling	Felling	Kodibeesanahalli Metro station
							building works. The tree is
							pruned and forked.
							Recommendation : Felling The Tree is falling on the Metro
							alignment and it will obstruct the
50	84	Honge	0.37	3.50	Felling	Felling	Construction of
		_			-		Kodibeesanahalli Metro station
							building works. The tree bark is

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							damaged and forked.
51	85	Seemarub a	0.30	4.00	Felling	Felling	Recommendation: Felling The Tree is falling on the Metro alignment and it will obstruct the Construction of Marathalli Metro station building works. The tree bark is damaged and branch is pruned and not in a healthy condition for transplantation Recommendation: Felling
52	87	Hoovarsi	0.34	3.00	Felling	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Marathalli Metro station building works. The tree is bended, bark is damaged and branch is pruned Recommendation: Felling
53	88	Honge	0.22	2.50	Felling	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Marathalli Metro station building works. The tree is multiforked and bended, not fit for transplantation Recommendation: Felling
54	90	Honge	0.34	3.00	Felling	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Marathalli Metro station building works. The tree is multi-forked and next to the compound wall. Recommendation: Felling
55	91	Cherry	0.50	3.50	Felling	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Marathalli Metro station building works. The tree is forked from the ground and not possible to take root ball. Recommendation: Felling
56	92	Hoovarsi	0.35	4.00	Felling	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Marathalli Metro station building works. The tree branches were cut and it is not possible to take root ball Recommendation: Felling
57	95	Hoovarsi	0.37	4.00	Felling	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Marathalli Metro station building works. The tree is multi-forked Recommendation: Felling
58	114	Akasha Mallige	0.40	3.50	Felling	Felling	The Tree is falling on the Metro alignment and it will obstruct the

59	115	Akasha Mallige	0.19	4.00	Felling	Felling	Construction of DRDO Metro station building works. The tree is lean, and it is infested with termites. Hence, it is recommended for felling. Recommendation: Felling The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree is dried/dead. Hence, recommended for felling.
60	127	Rain Tree	1.58	10.00	Felling	Felling	Recommendation: Felling Construction of multi-storeyed parking space. The tree is multiforked, matured and huge and standing close to the border / boundary wall of nearby existing building. As explained in the field by BMRCL engineer that proposed parking structure will hinder into the protection zone of the tree the tree cannot be retained. Since the tree is matured and gigantic, excavation of applicable size of root ball and shifting of such huge tree as per scientific procedure (retaining the canopy as such and root ball of size to the extent of canopy) is practically not feasible for translocation / transplantation. Recommendation: Felling
61	128	Peltophor um	1.70	20.00	Felling	Felling	Construction of pillar (no. A8) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and forked, therefore the tree cannot be translocated / transplanted. Recommendation: Felling
62	129	Silver Oak	1.40	17.00	Felling	Felling	Construction of pillar (no. A8) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and bending, therefore the tree cannot be translocated / transplanted. Recommendation: Felling
63	130	Silver Oak	1.60	19.00	Felling	Felling	Construction of pillar (no. A8) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree

							cannot be retained. The tree is matured and very close to tree no. 129, thereby preventing excavation of applicable size of root ball, therefore the tree cannot be translocated / transplanted. Recommendation: Felling Construction of pillar (no. A8)
64	131	Silver Oak	0.75	19.00	Felling	Felling	for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and show symptoms of oozing of pathological sap indicating the stress condition of the tree, therefore the tree cannot be translocated / transplanted. Recommendation: Felling
65	132	Silver Oak	1.05	18.00	Felling	Felling	Construction of pillar (no. A8) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and damaged, therefore the tree cannot be translocated / transplanted. Recommendation: Felling
66	133	Silver Oak	1.25	17.00	Felling	Felling	Construction of pillar (no. A8) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and show symptoms of oozing of pathological sap indicating the stress condition of the tree, therefore the tree cannot be translocated / transplanted. Recommendation: Felling
67	135	Royal palm	1.50	9.00	Felling	Felling	Construction of pillar (no. A9 & 10) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and cannot be translocated / transplanted. Recommendation: Felling
68	137	Royal palm	1.35	11.00	Felling	Felling	Construction of elevated viaduct (roadways), where the height of the viaduct is approx. 5m, while the height of the tree is 11m, therefore the tree cannot be retained. The tree is matured and cannot be translocated / transplanted.

							Recommendation: Felling
69	138	Royal palm	1.25	10.00	Felling	Felling	Construction of elevated viaduct (roadways), where the height of the viaduct is approx. 5m, while the height of the tree is 11m, therefore the tree cannot be retained. The tree is matured and cannot be translocated / transplanted. Recommendation: Felling
70	139	Royal palm	1.25	11.00	Felling	Felling	Construction of elevated viaduct (roadways), where the height of the viaduct is approx. 5m, while the height of the tree is 11m, near to pillar no. A10 and RE wall (B), therefore the tree cannot be retained. The tree is matured and cannot be translocated / transplanted. Recommendation: Felling
71	140	Royal palm	1.35	10.00	Felling	Felling	Construction of elevated viaduct (roadways), where the height of the viaduct is approx. 5m, while the height of the tree is 11m, near to pillar no. A10 and RE wall (B ramp), therefore the tree cannot be retained. The tree is matured and cannot be translocated / transplanted. Recommendation: Felling
72	141	Bottlebrus h	1.00	8.00	Felling	Felling	Construction of pillar (no. A11) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and multi-forked, therefore the tree cannot be translocated / transplanted. Recommendation: Felling
73	142	Kadu badami	0.90	11.00	Felling	Felling	Construction of pillar (no. A11) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
74	145	Tecoma	0.35	6.00	Felling	Felling	Construction of elevated viaduct (roadways), where the height of the viaduct is approx. 6m, while the height of the tree is 4m. However, since the tree is already dried and in the verge of dying the tree cannot be

							recommended for retention / transplantation / translocation. Recommendation: Felling
75	146	Spathodea	0.75	8.00	Felling	Felling	Construction of pillar (no. B4) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The base / collar region of the tree is decayed, therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
76	147	Spathodea	1.37	9.00	Felling	Felling	Construction of pillar (no. A14) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
77	149	Peltophor um	0.88	10.00	Felling	Felling	Construction of pillar (no. A14) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
78	150	Spathodea	0.68	6.00	Felling	Felling	Construction of pillar (no. A14) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is bending towards one side and do not qualify for translocation / transplantation. Recommendation: Felling
79	151	Peltophor um	1.00	10.00	Felling	Felling	Construction of pillar (no. A14) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and forked; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
80	152	Gulmohar	1.23	6.00	Felling	Felling	Construction of pillar (no. A15) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured with severe top damage; therefore, the tree

							cannot be translocated /
							transplanted. Recommendation: Felling
81	153	Silver Oak	1.35	15.00	Felling	Felling	Construction of pillar (no. A14) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
82	154	Silver Oak	1.10	16.00	Felling	Felling	Construction of pillar (no. A14) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
83	155	Silver Oak	1.25	16.00	Felling	Felling	Construction of pillar (no. B4) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
84	156	Peltophor um	1.24	15.00	Felling	Felling	Construction of pillar (no. B4) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and forked; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
85	157	Silver Oak	0.78	14.00	Felling	Felling	Construction of pillar (no. B4) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and decayed from the base / collar region; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
86	158	Silver Oak	1.24	14.00	Felling	Felling	Construction of pillar (no. B4) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated /

							transplanted.
							Recommendation: Felling
87	167	Indian rubber	4.00	13.00	Felling	Felling	Construction of pillar (no. B7) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
88	168	Kadu badami	0.92	12.00	Felling	Felling	Construction of pillar (no. B7) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured with dieback symptom; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
89	169	Nerale	1.20	11.00	Felling	Felling	Construction of pillar (no. B7) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured with robust growth of parasitic plants; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
90	171	Christmas tree	1.28	15.00	Felling	Felling	Construction of pillar (no. A19) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
91	172	Christmas tree	1.15	12.00	Felling	Felling	Construction structures of A loops / viaduct (roadways) and B loops / viaduct (roadways) will be merging at a height of 6m, while the height of the tree is 9m, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
92	178	Sihi hunase	0.78	8.00	Felling	Felling	Construction of pillar (no. A16) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and multi-forked;

93	179	Sihi hunase	0.83	8.00	Felling	Felling	therefore, the tree cannot be translocated / transplanted. Recommendation: Felling Construction of pillar (no. A16) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and multi-forked; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
94	180	Sihi hunase	0.43	9.00	Felling	Felling	Construction of pillar (no. A16) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The base of the tree is conjoined with tree no. 181, thereby preventing the provision for excavation of applicable size of root ball, therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
95	181	Spathodea	1.65	14.00	Felling	Felling	Construction of pillar (no. A16) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured, forked and base of the tree is conjoined with tree no. 182, thereby preventing the provision for excavation of applicable size of root ball, therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
96	182	Peltophor um	0.94	11.00	Felling	Felling	Construction of pillar (no. A16) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The base of the tree is decayed and the branch no. (182B) is fallen, therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
97	183	Jacaranda	0.84	7.00	Felling	Felling	Construction of pillar (no. A17) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and bending towards one side, therefore, the tree cannot be translocated / transplanted.

				*			Recommendation: Felling
98	184	Royal palm	1.86	17.00	Felling	Felling	Construction structures of A loops / viaduct (roadways) and B loops / viaduct (roadways) will be converging at a height of 6m, while the height of the tree is 17m, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
99	185	Royal palm	1.75	14.00	Felling	Felling	Construction structures of A loops / viaduct (roadways) and B loops / viaduct (roadways) will be converging at a height of 6m, while the height of the tree is 14m, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
100	187	Royal palm	1.90	14.00	Felling	Felling	Construction structures of A loops / viaduct (roadways) and B loops / viaduct (roadways) will be converging at a height of 6m, while the height of the tree is 14m, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
101	188	Royal palm	1.81	12.00	Felling	Felling	Construction structures of A loops / viaduct (roadways) and B loops / viaduct (roadways) will be converging at a height of 6m, while the height of the tree is 12m, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
102	189	Royal palm	1.41	15.00	Felling	Felling	Construction of pillar (no. RP6) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
103	190	Royal palm	1.52	15.00	Felling	Felling	Construction of pillar (no. RP6) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree

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> 2							is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
104	191	Royal palm	1.50	15.00	Felling	Felling	Construction of pillar (no. RP6) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
105	192	Royal palm	1.49	16.00	Felling	Felling	Construction of pillar (no. RP6) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
106	193	Royal palm	1.49	15.00	Felling	Felling	Construction of pillar (no. RP6) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
107	194	Royal palm	1.53	15.00	Felling	Felling	Construction of pillar (no. RP6) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
108	195	Royal palm	1.60	16.00	NA	To issue order seperately	The Trees are not found in the spot after the assessment.
109	196	Silver Oak	1.50	15.00	NA	To issue order seperately	The Trees are not found in the spot after the assessment.
110	197	Royal palm	1.60	15.00	NA	To issue order seperately	The Trees are not found in the spot after the assessment.
111	198	Silver Oak	1.60	16.00	NA	To issue order seperately	The Trees are not found in the spot after the assessment.
112	199	Royal palm	1.60	16.00	NA	To issue order seperately	The Trees are not found in the spot after the assessment.

113	200	Silver Oak	1.60	15.00	NA	To issue order seperately	The Trees are not found in the spot after the assessment.
114	201	Silver Oak	0.76	9.00	NA	To issue order seperately	The Trees are not found in the spot after the assessment.
115	203	Honge	0.51	6.00	Felling	Felling	Construction of pillar (no. RP & 8) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is already dried and in the verge dying, therefore the tree cannot be recommended for transplantation / translocation. Recommendation: Felling
116	204	Gulmohar	2.82	7.00	Felling	Felling	Construction of pillar (no. RP' & 8) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The roots of the tree are severely damaged adjacent BMRCL project activities; therefore, the tree cannot be recommended for transplantation / translocation. Recommendation: Felling
117	205	Silver Oak	0.74	8.00	Felling	Felling	Construction of pillar (no. RP' & 8) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is with severe damage; therefore the tree cannot be recommend for transplantation / translocation. Recommendation: Felling
118	210	Haralu mara	0.31	4.00	Felling	Felling	Construction of pillar (no. RP1 for elevated viaduct (railways) adjacent to the position of the tree. However, TEC found the tree was already fallen. Therefore, the tree may be categorised under felling. Recommendation: Felling
119	211	Silver Oak	0.91	10.00	Felling	Felling	Construction of pillar (no. RP) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is very close to tree no. 212, therefore, the tree cannot be recommended for transplantation / translocation.

							Recommendation: Felling
120	212	Spethodea	1.55	10.00	Felling	Felling	Construction of pillar (no. RP10) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is very close to tree no. 211 and bent and matured, therefore, the tree cannot be recommended for transplantation / translocation. Recommendation: Felling
121	213	Peltophor um	1.18	12.00	Felling	Felling	Construction of pillar (no. RP10) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is multi-forked, matured and damaged severely, therefore, the tree cannot be recommended for transplantation / translocation. Recommendation: Felling
122	214	Spathodea	1.76	8.00	Felling	Felling	Construction of elevated Metro Station (HSR) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured with severe knots and hence cannot be recommended for transplantation / translocation. Recommendation: Felling
123	215	Honge	0.59	3.50	Felling	Felling	Construction of elevated Metro Station (HSR) in the standing position of the tree, therefore the tree cannot be retained. The base of the tree is conjoined with tree no. 216, therefore the tree cannot be recommended for transplantation / translocation. Recommendation: Felling
124	216	Honge	0.66	4.00	Felling	Felling	Construction of elevated Metro Station (HSR) in the standing position of the tree, therefore the tree cannot be retained. The base of the tree is conjoined with tree no. 215 and multi-forked with weak branch union, therefore the tree cannot be recommended for transplantation / translocation. Recommendation: Felling
125	217	Dalichand ra	0.40	6.00	Felling	Felling	Construction of elevated Metro Station (HSR) in the standing position of the tree, therefore the tree cannot be retained. The tree is forked with weak branch union; therefore, the tree cannot

i. 1					14		be recommended for transplantation / translocation. Recommendation: Felling
126	218	Halasu	1.69	10.00	Felling	Felling	The tree is falling on Metro alignment and it will obstruct the construction of Iblur station The tree is matured and forked from the ground and bark is damaged. Hence it is recommended for felling Recommendation: Felling
127	219	Hebbevu	1.17	10.00	Felling	Felling	The tree bark is damaged and is not in healthy condition, hence recommended for felling Recommendation: Felling
128	222	Cherry	0.79	4.00	Felling	Felling	The tree is falling on Metro alignment and it will obstruct the construction of Iblur Road widening The tree is pruned and bark is damaged, hence it is recommended for felling Hence it is recommended for felling. Recommendation: Felling
129	223	Mavu	0.58	6.00	Felling	Felling	The tree is falling on Metro alignment and it will obstruct the construction of Iblur Road widening The tree is multiforked and not fit for transplantation. Hence it is recommended for felling. Recommendation: Felling
130	225	Sandal	0.25	4.00	Felling	Felling	The sandal is already damaged and partially dead
131	226	Seeme thangadi	0.60	4.00	Felling	Felling	The tree is falling on Metro alignment and it will obstruct the construction of Kadubeesanahalli station The bark is damaged and not in healthy condition, hence recommended for felling Recommendation: Felling
132	227	Cherry	0.57	5.00	Felling	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree is forked, bended and bark is damaged. Recommendation: Felling
133	228	Cherry	0.67	6.00	Felling	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree is pruned, roots are damaged and

							bended.
134	229	Cherry	0.75	4.00	Felling	Felling	Recommendation: Felling The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree bark is damaged, branches were cut and bended Recommendation: Felling
135	233	Nilgiri	0.46	11.00	Felling	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree is dep rooted exotic species. Recommendation: Felling
136	234	Cherry	0.36	3.00	Felling	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree is forked, bark damaged and not qualify the criteria of transplantation. Recommendation: Felling
137	235	Cherry	0.55	4.00	Felling	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree bark is damaged, bended and pruned. Recommendation: Felling
138	236	Nilgiri	1.28	10.00	Felling	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of ISRO Metro station building works. Tree has three branches and it looks like a clump, matured tree. Hence, it is recommended for felling. Recommendation: Felling
139	238	Nilgiri	1.10	10.00	Felling	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of ISRO Metro station building works. Tree is very near to existing compound wall, and it is having less ecological significance. Hence, it is recommended for felling. Recommendation: Felling
140	239	Nilgiri	1.34	10.00	Felling	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of ISRO Metro station building works. Tree is very near to existing compound wall, and it is having less

141	250	Cherry	0.60	3.00	Felling	Felling	ecological significance. Hence, it is recommended for felling. Recommendation: Felling • The Tree is falling on the Metro alignment and it will obstruct the Construction of DODDENAKUNDI Metro station building works. Tree is not having much ecological significance, Hence, it is recommended for felling. Recommendation: Felling
142	251	Cherry	0.58	4.00	Felling	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of DODDENAKUNDI Metro station building works. Tree is not having much ecological significance, Hence, it is recommended for felling. Recommendation: Felling
143	254	Cherry	0.75	4.00	Felling	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of DODDENAKUNDI Metro station building works. Tree is not having much ecological significance. Hence, this tree is recommended for felling. Recommendation: Felling
144	255	Subabul	0.34	2.50	Felling	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of DODDENAKUNDI Metro station building works. This tree is a fodder tree, is not having much ecological significance. Hence, this tree is recommended for felling. Recommendation: Felling
145	256	Sihihunas e	0.80	2.00	Felling	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of DODDENAKUNDI Metro station building works. Tree has forked branches, one major branch is pruned. Hence, it is recommended for felling. Recommendation: Felling

Total No of trees recommended for felling=145

Tree officer and

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/Advisor-Civil/ORR/Ph-2A/2021/11884 dtd 09.03.2021

Project Area: Construction of Elevated Viaduct of length 19.633 Kms

from Central Silk Board (CSB) Junction to K R Puram

(Upto Baiyappanahalli Depot) and Thirteen Elevated Metro Stations including Road Widening, Utility Diversion and other allied works of Bengaluru Metro Project from , Bengaluru

Location: Central Silk Board (CSB) Junction to K R Puram

(Upto Baiyyappanahalli Depot) line of ORR, Phase 2A of the Metro Project, Bengaluru

Dated: December 2021

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/Advisor-Civil/ORR/Ph-2A/2021/11884 dtd 09.03.2021

Project Area: Construction of Elevated Viaduct of length 19.633 Kms from Central Silk Board (CSB) Junction to K R Puram (Upto Baiyappanahalli Depot) and Thirteen ElevatedMetro Stations including Road Widening, Utility Diversion and other allied works of Bengaluru Metro Rail Project of Outer Ring Road (ORR) line, Phase – 2A

- 1. The Tree Expert Committee (hereinafter mentioned as TEC) has carried out the works as per the process elucidated in the MOP dated December 2020 submitted to the Hon'ble High Court of Karnataka.
- 2. The Tree Officer & Deputy Conservator of Forests, BBMP submitted his preliminary assessment regarding the application filed by Bangalore Metro Rail Corporation Ltd (BMRCL) pertaining to 256 numbers of trees standing in the project area from Central Silk Board (CSB) Junction to K R Puram (Upto Baiyyappanahalli Depot) line of ORR, Phase 2A of the Metro Project, Bengaluru. The preliminary assessment was accompanied by following documents:
 - i. A copy of the Application dated 09.03.2021 from BMRCL along with details and map of the area and details of trees involved including their GPS coordinates.
 - ii. A copy of the Public Notice dated 13.07.2021 issued by the Tree Officer, a complete set of the objections received from the public and a copy of the proceedings dated 14.08.2021 of the Tree Officer regarding consideration of the objections as per Section 8 (3) (vii) of the Karnataka Preservation of Trees Act, 1976 (Henceforth referred as KPT Act).
 - iii. The Tree Assessment Forms in Template-2 with Part-I (dated 05.04.2021) containing tree details as furnished by Range Forest Officer and Part II (dated 03.08.2021) containing preliminary assessment of the Tree Officer for each of 256 trees proposed for removal by BMRCL.
 - iv. Abstract of the review of the BMRCL application and preliminary assessment of trees by the Tree Officer in Template-3 Part-I.
 - v. A statement prepared by Tree Officer showing the tree details along with preliminary assessment and justification for on-site retention / translocation / felling of trees.

Copies of the public notice, proceedings of the Tree Officer regarding consideration of the objections and his findings, and preliminary assessment of trees are attached to the report as Annexure-1 to Annexure-3.

Review of the BMRCL application, objections/suggestions in response to Public Notice, and findings of Tree Officer:

- 3. The BMRCL application, public notice, all objections/suggestions from the public, findings of the Tree Officer, and his proceedings dated 14.08.2021 were perused systematically by the TEC in its meeting held on 19.08.2021. The TEC noted that the process prescribed in the MOP from Step-1 to Step-3 have been followed scrupulously by the Tree Officer.
- 4. The TEC observed that total 24 objections/suggestions have been received in response to the public notice. The Tree Officer has stated that mostly the objections/suggestions relate to the subjects like issue of several public notices, granting extension of time for filing objections because of the prevailing pandemic during that period, to restrict the felling of trees and to increase the extent of compensatory afforestation. One of the objections pertained about the entry in the remarks column (like retention/translocation/felling) against the trees mentioned in the public notice. The Tree Officer with respect to the above observations/suggestions has remarked that issue of many public notices was necessitated because of the BMRCL's recommendation for better facilitation of works with proper supervision and also for administrative convenience. The BMRCL Phase 2A (Package 1 & 2) extending from Central Silk Board (CSB) to K R Puram and Phase 2B (Package 1, 2 & 3) extending from K R Puram to KIAL has been divided into 07 segments. For each segment public notice has been issued. He also considered and given reasonable extension of time for filing objections. He also emphasized that felling of trees is always kept to bare minimum and is based on the strategy being followed with regard to assessment of trees, i.e., first option being retention-on-site, second being translocation, if retention is not possible and last resort will be felling. Also adequate number of saplings will be planted under compensatory afforestation and its proper maintenance will be taken care of. With respect to the other aspects like remarks against each tree as per the public notice, the Tree Officer has clarified those remarks are only the preliminary assessment as made by field staff and the final decision depends upon the Field Inspection Report of Senior Officers and Tree Officers. The TEC concurred with the replies furnished by the Tree Officer regarding the objections/suggestions received in response to Public Notice.

5. The TEC sought and reviewed the presentation made by Chief Engineer, Social and Environment Management Unit, BMRCL regarding the project details, necessity for removal of the trees given the project alignment, possibility of retaining the trees while carrying out the project construction, etc. The Chief Engineer emphasized that Metro Projects being a mass rapid transit system, seeks to set up a convenient, efficient, safe and sustainable mode of public transport. Its benefits include a shift from private modes of transport to public transport, and thereby a significant reduction in use of private vehicles, other things remaining unchanged. Such modal shift is estimated to have a significant reduction in pollution in the project area. (Reference: "Note on Potential Reduction in Pollution" based on iDeCK's study on "Economic Analysis for 2A and 2B Corridors of Bangalore Metro").

Review of Preliminary Assessment of Trees done by Tree Officer:

- 6. The TEC examined the preliminary assessment of trees submitted by Tree Officer, BBMP vide his letter dated 16.08.2021, including the statement exhibiting the tree details, preliminary assessment and justification for on-site retention / translocation / felling. The TEC noted that the documentation of the trees details in Template-2 Part-I and the preliminary assessment as per Template-2 Part-II has been done properly by the Forest Officers as envisaged in Step-4 & Step-5 of the MOP.
- 7. 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.

The TEC decided to verify the preliminary assessment by Tree Officer, BBMP and for that purpose decided to visit the Project Area for field inspections from 30.8.2021 and 02.09.2021.

8. The proceedings of the TEC regarding the above-mentioned review as per Step-6 of the MOP are attached to this report as Annexure-4.

Field Inspection by TEC:

9. The field inspections for assessment of trees standing in the project area at Central Silk Board (CSB) Junction to K R Puram & Up to Baiyyappanahalli Depot for the Metro project was carried out by the TEC from 30.8.2021 to 02.09.2021.

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 Inspections, 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 it is not feasible for their retention-on-site.
- 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.

The proceedings of the TEC regarding the field inspection are attached to this report as Annexure-5.

Post-inspection Review and Report Preparation:

- 10. Having completed the field inspections from 30.8.2021 to 02.09.2021, the TEC met to review its findings and assessment and further to formulate its recommendations and prepare the report.
- 11. **On-site Retention**: The TEC identified 27 trees which though standing in the project area but not hindering the project activities can be retained-on-site.

12. As verified during the field inspection, the remaining 229 trees which will have to be suggested for translocation and felling are falling within the proposed following physical features of Metro Project and therefore these trees need to be removed from their current location.

SI No	Physical Features	Tree No	Location of the trees
1	Construction of proposed Metro Station	01 to 11 & 127 to 213	Central Silk Board Junction (CSB) & CSB Metro Station
2	Construction of proposed Metro station	214 to 217	HSR Metro Station
3	Construction of proposed Metro Station	12 to 48	Agara Metro Station
4	Construction of proposed Metro station	218 to 223	Iblur Metro Station
5	Construction of proposed Metro station	49 to 69 and 224	Belandur Metro Station
6	Construction of proposed Metro station	70 to 74 and 225, 226	Kadubeesanahalli Metro Station
7	Construction of proposed Metro Station	75 to 84 and 227 to 235	Kodibeesanahalli Metro Station
8	Construction of proposed Metro station	85 to 95	Marathahalli Metro Station
9	Construction of proposed Metro station	96 to 109 and 236 to 249	ISRO Metro Station
10	Construction of proposed Metro station	250 to 255	Doddanekundi Metro Station
11	Construction of proposed Metro Station	110 to 126 and 256	DRDO Metro Station

13. **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 229 trees is 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.
- ii. The trees having below stated characteristics did 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.

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- iii. Other aspects of species viz., economically important species, species that could provide food (nectar, pollen, seeds and fruits) and nesting sources (materials and site) to various fauna.
- iv. The availability of effective zone to extract the root-ball of sufficient size. The trees in the above category (ii) 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 84 numbers of trees at the said sites which are suitable for translocation.

The remaining 157 Nos (145+12 unnumbered trees) of trees were not found to be suitable either for retention on-site or for translocation, and hence will have to be felled.

14. **Assessment of areas/sites for Translocation:** Having completed the above assessment of trees at the project area, the Committee visited the following area proposed by BMRCL and recommended by the Tree Officer for translocation of trees.

Sl. No.	Particulars	Translocation areas	Total No. of trees
		CMP Centre, Training area, HSR 1 st Sector,	
		27 th Cross, Ibluru, Bengaluru – 560 102.	
1.	Phase 2A, Package 1	An extent of 1.5 Ha of land in this locality has	56
		been identified for translocation of 56 trees	
		Bhoganahalli Lake area, Bengaluru	
2.	Phase 2A, Package 2	An extent of 0.64 Ha of land in this locality has been identified for translocation of 28 trees	28

15. Further the Committee reviewed the soil test analysis report, of the above CMP Centre, Training area, as prepared by Department of Soil Science and Agricultural Chemistry, UAS, GKVK, Bangalore and recommended by the Tree Officer and DCF, BBMP, with the following inference:

Sl. No.	Particulars	Translocation areas	Soil Analysis
1.	Phase 2A, Package 1	CMP Centre, Training area, HSR 1 st Sector, 27 th Cross, Ibluru, Bengaluru – 560 102.	"The four soil sample provided for analysis is acidic in nature, low organic content and contains low to medium quantities of major nutrients (N, P, K as per standards) and all other parameters vary from medium to high ranges as per standards. Therefore with proper amendment application soil is suitable for translocation/compensatory plantation".

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	2.	Phase 2A, Package 2	Bhoganahalli Lake area, Bengaluru	"The five soil samples provided for analysis are acidic to neutral in nature, low to medium in organic carbon, available N, P & K as per standards and all other parameters vary from medium to high ranges as per standards. Therefore with proper amendment application soil is suitable for translocation/compensatory plantation".
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16. Regarding details of the Translocation of Trees, the TEC directed the DCF, BBMP and BMRCL to submit the precise locations of the proposed areas of translocation along with specific receptor site Coordinates where the trees have to be translocated at the above proposed translocation area.

In response, BMRCL has furnished the details to the Tree Officer and Deputy Conservator of Forests, vide their letter No. BMRCL/SEMU/2021-22/9020 dtd 03.12.2021. In turn the Tree Officer, BBMP submitted the required details along with receptor sites coordinates and with his recommendations to TEC which are enclosed as Annexure 6.

17. The entire translocation details were reviewed by TEC. In this context, BMRCL states that the boundary of translocation areas were demarcated and coordinates of specific locations were marked for proposed translocation sites related to the said 84 trees. This exercise of demarcation and coordinates mapping was carried out using Total Station Survey (Topcon Make). The Tree Officer and DCF, BBMP has inspected the receptor location sites as proposed by BMRCL for the trees to be translocated and recommended accordingly to TEC.

On enquiry with the BMRCL and the Tree Officer about the distances of the proposed translocation sites with respect to the places where the trees are standing at present, the authorities remarked that for the trees standing between Central Silk Board (CSB) Junction to K.R Puram (Upto Baiyappanahalli Depot area) of ORR, pertaining to Phase – 2A, Package 1 & 2, the particulars are shown below:

Package 1		The proposed translocation
	CMP Centre, Training area,	site is situated within 3 Kms
Central Silk Board (CSB) to	HSR 1 st Sector, 27 th Cross,	distance from the areas where
Kodibeesanahalli Metro	Iblur, Bengaluru – 560 102	the trees are standing at
Station (upto Pier No. 335)		present.
Package 2		The proposed translocation
	Phoganahalli Laka ayaa	site is situated within 3 Kms
Kodibeesanahalli Metro	Bhoganahalli Lake area, Bengaluru	distance from the areas where
Station to K R Puram (Upto	Dengaluru	the trees are standing at
Baiyappanahalli Depot		present.

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The Translocation Areas are falling in the BBMP jurisdiction where the provisions of KPT Act, 1976 are applicable.

- 18. The TEC deliberated and concurred with the recommendation of the Tree Officer, BBMP regarding the said soil analysis report of UAS, Bangalore and tree translocation details including specific receptor sites coordinates.
- 19. The TEC opined that translocation of trees can be done in the proposed sites after following the advice as rendered by UAS, Bangalore.
- 20. **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.

Particulars	Total No. of trees
Total number of Trees examined/observed	256
Total number of Trees recommended for on-site retention	27
Total number of Trees found suitable for translocation	84
Total number of Trees for felling	157 (145 + 12 unnumbered)

The translocation should be carried out by competent agencies following the guidelines formulated by UAS, GKVK, Bangalore.

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

- 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 and inspection of the translocation area/site as mentioned in para 14 above.

21. Directions to BMRCL and DCF, BBMP

a) The entire translocation process of trees has to be executed by BMRCL through the Agencies which are experienced in such field operations under close supervision of the Tree Officer.

b) The TEC instructed the Environment Wing of BMRCL to get closely involved in all the field operations related to trees and saplings, maintain records pertaining to Translocation of Trees as well as Compensatory Afforestation, both in respect of the works already executed and to be executed henceforth.

c) The Tree Officer and BMRCL authorities are directed to properly document the translocation process which includes inter-alia location of the translocated trees, name and address of the Person/Agency to whom the translocation work was entrusted, agreement regarding the proper maintenance of the translocated trees for a period of three years by

BMRCL.

d) BMRCL should be advised to raise Compensatory Afforestation on suitable lands in respect of trees to be removed by 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.

Monitoring and Evaluation 22.

> 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.

23. **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 prescribed as per 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 256 trees covered in the application are appended as Appendix to this report.

> > & Assistant Conservator of Forests, Bruhat Bengaluru Mahanagara Palike,

Bengaluru.

ABSTRACT OF TEC REPORT

(to be prepared in compliance to Step 8 of the Memorandum of Procedure of TEC in consideration to the details documented for each tree in Template No. 2 and abstract in Template No.3)

Name of the user agency	Bangalore Metro Rail Corporation Limited		
Purpose of the project	Construction of elevated viaduct from Central Silk Board (CSB) Junction to K.R Puram (Upto Baiyappanahalli Depot)		
Extent of the project area	19.633 Km		
Location of the project area	Between Central Silk Board (CSB) Junction to K.R Puram (Upto Baiyappanahalli Depot) Start Point Lat: N 12° 54′ 58.13" Long: E 77° 37′ 4.11" End Point Lat: N 12° 59′ 59.62" Long: E 77° 40′ 39.38"		
Number of tree(s) enumerated in the project area	256		
Number of tree(s) proposed for removal by user agency	256		
Overall opinion on objections from the public	To save maximum number of trees and include public while taking decisions.		
Number of tree(s) recommended for on-site retention	27 Nos		
Number of tree(s) recommended for transplantation / translocation	84 Nos		
Number of tree(s) recommended for felling	157 Nos. (145 + 12 Un-numbered)		

Member-Secretary, TEC & Assistant Conservator of Forests, BBMP, Bengaluru

APPENDIX

TEC Recommendations and Justifications for Retention/Translocation/Felling

Application No.: BMRCL/Advisor-Civil/ORR/Ph-2A/2021/1329 dtd 12.06.2021

Project Area: Central Silk Board (CSB) Junction to K R Puram

(Upto Baiyappanahalli Depot) line, of ORR of Phase 2A

Sl	Tree	Species	Girth	Height	TEC	TEC Damarka
No.	No.	Name	(M)	(M)	Recommendation	TEC Remarks
1	1	Ashoka	0.80	10.00	Felling	Construction of pillar (no. DP-22) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and standing very close to tree no.2, therefore the tree cannot be translocated. Recommendation: Felling
2	2	Ashoka	0.65	12.00	Translocation	Construction of pillar (no. DP-22) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is standing very close to tree no.1, however with appropriate care the root ball should be excavated and processed during transplantation / translocation. Recommendation: Translocation / Transplantation
3	3	Sihihunase	0.22	4.00	Translocation	Construction of pillar (no. DP-22) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is close to other trees (tree Nos 4, 5, 6 and 7), however the congenial field / health condition of the tree qualifies the tree for translocation / transplantation (with appropriate care). Recommendation: Translocation / Transplantation
4	4	Sihihunase	0.55	7.00	Felling	Construction of pillar (no. DP-22) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is forked with weak branch union and do not qualify for translocation. Recommendation: Felling
5	5	Honge	0.95	10.00	Felling	Construction of pillar (no. DP-22) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is multi forked with weak branch union, also the tree is very close to nearby trees (tree nos 4, 6, 7) and do not qualify for translocation. Recommendation: Felling

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6	6	Honge	0.82	13.00	Felling	Construction of pillar (no. DP-22) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is very close to nearby trees (tree Nos 4, 5, 7), thereby preventing applicable size of root ball for excavation, therefore do not qualify for transplantation / translocation. Recommendation: Felling
7	7	Ashoka	0.72	9.00	Felling	Construction of pillar (no. DP-22) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is very close to nearby trees (tree Nos 4, 5, 7), thereby preventing applicable size of root ball for excavation, therefore do not qualify for transplantation / translocation. Recommendation: Felling
8	8	Tabeubia rosea	0.80	10.00	Felling	Construction of pillar (no. DP-23) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is very close to nearby tree no. 9, thereby preventing applicable size of root ball for excavation, therefore do not qualify for trans location. Recommendation: Felling
9	9	Tabeubia rosea	0.78	11.00	Felling	Construction of pillar (no. DP-23) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is multiforked with weak branch union and standing very close to nearby tree no. 8, thereby preventing applicable size of root ball for excavation, therefore do not qualify for translocation. Recommendation: Felling
10	10	Ashoka	0.74	12.00	Retention	The standing position of the tree do not hinder any of the project related proposed construction activities. Recommendation: Retention
11	11	Tabeubia rosea	1.00	15.00	Retention	The standing position of the tree do not hinder any of the project related proposed construction activities. Recommendation: Retention
12	12	Rudrakshi	0.53	12.00	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retain ed. The tree is multi-forked, however it is recommended for translocation by following appropriate procedure. Recommendation: Translocation

7.7						
13	13	Spathodea	2.41	16.00	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
14	14	Rudrakshi	0.57	10.00	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is multi-forked, however the no. 14A is recommended for transplantation / translocation by following appropriate procedure. Recommendation: Translocation / Transplantation
15	15	Nerale	1.20	14.00	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
16	16	Teak	0.89	10.00	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured with decay at base and bent towards one side, therefore cannot be recommended for translocation. Recommendation: Felling
17	17	Teak	1.08	15.00	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
18	18	Mahagony	1.00	12.00	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
19	19	Honge	0.67	6.00	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured with weak branch union, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling

20	20	Honge	0.44	8.00	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
21	21	Mahagony	0.95	14.00	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured with weak branch union, therefore cannot be recommended for translocation .Recommendation: Felling
22	22	Honge	0.90	12.00	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured with weak branch union and bent, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
23	23	Atti	0.47	10.00	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The health condition of the tree qualifies the tree for transplantation / translocation, however the tree should be carefully excavated. Recommendation: Translocation / Transplantation
24	24	Mahagony	1.00	14.00	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
25	25	Tabeubia rosea	0.79	25.00	felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured and multi-forked, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
26	26	Ranjal	0.32	8.00	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for translocation. Recommendation: Translocation / Transplantation

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27	27	Honge	0.87	10.00	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
28	28	Ranjal	0.36	8.00	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
29	29	Honge	0.63	10.00	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured and crooked in shape, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
30	30	Rain Tree	1.06	14.00	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured with weak branch unions, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
31	31	Honge	0.25	5.00	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
32	32	Ranjal	0.56	10.00	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
33	33	Honge	0.52	8.00	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for / translocation. Recommendation: Translocation / Transplantation

34	34	Honge	0.57	8.00	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is multi-forked with weak branch unions, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
35	35	Rain Tree	0.23	5.00	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
36	36	Hoovarasi	0.85	10.00	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is multi-forked with weak branch unions, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
37	37	Honge	0.74	10.00	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
38	38	Dalichandra	0.45	13.00	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
39	39	Mahagony	1.15	14.00	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
40	40	Rain Tree	0.23	6.00	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation

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41	41	Spathodea	0.21	4.00	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
42	42	Spathodea	1.10	2.00	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
43	43	Rain Tree	0.77	13.00	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
44	44	Rain Tree	0.68	8.00	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured and forked, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
45	45	Atti	0.85	9.00	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
46	46	Rain Tree	0.73	8.00	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is multi-forked with weak branch unions, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
47	47	Spathodea	0.20	6.00	Translocation	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation

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48	48	Rain Tree	0.24	5.00	Felling	Construction of elevated Metro Station (Agara) in the standing position of the tree, therefore the tree cannot be retained. The tree is severely damaged at the portion where it touches the existing compound wall, therefore cannot be recommended for transplantation / translocation. Recommendation: Felling
49	49	Kanagale	0.30	3.00	Translocation	The tree is falling on Metro alignment and it will obstruct the construction of BELLENDUR STATION The tree is very young and can be transplanted to nearby area Recommendation: Transplantation
50	50	Kanagale	0.30	2.50	Translocation	The tree is very young and can be transplanted to nearby area Recommendation: Transplantation
51	51	Kanagale	0.33	3.00	Translocation	The tree is very young and can be transplanted to nearby area Recommendation: Transplantation
52	52	Neem	0.72	6.00	Felling	The tree is fully bended, not possible for transplantation. Recommendation: Felling
53	53	Akasha Mallige	0.65	10.00	Translocation	The tree is multi-forked and coppicing. The main branch can be transplanted. Recommendation: Transplantation
54	54	Akasha Mallige	0.63	12.00	Felling	Multiple branches from ground level and bended, hence recommended for felling Recommendation: Felling
55	55	Akasha Mallige	1.00	12.00	Felling	The tree bark is damaged and branches were cut, hence recommended for felling Recommendation: Felling
56	56	Akasha Mallige	1.10	12.00	Felling	The tree is forked, bended and near to the compound wall, difficult to take root ball, hence recommended for felling Recommendation: Felling
57	57	Tabubia Rosia	1.40	10.00	Retention	The tree is coming on boundary line of the proposed station. Its recommended to retain the tree by changing the alignment Recommendation: Retention
58	58	Akasha Mallige	0.83	10.00	Felling	The tree is multiforked, bended and branches were cut. Hence recommended for felling Recommendation: Felling
59	59	Tabubia Rosia	1.18	12.00	Felling	The tree is mature coming within the project alignment. Hence recommended for felling Recommendation: Felling

60	60	Tabubia Rosia	0.87	10.00	Translocation	The tree is small in size and healthy condition. Hence it is recommended for transplantation Recommendation: Translocation
61	61	Tabubia Rosia	0.94	10.00	Felling	The tree roots are exposed and branches are cut, hence recommended for felling Recommendation: Felling
62	62	Honge	0.35	4.00	Translocation	The tree is young and healthy condition. Hence it is recommended for transplantation Recommendation: Translocation
63	63	Akasha mallige	0.59	10.00	Felling	The tree is located next to the compound wall, not possible to take root ball. Hence it is recommended for felling Recommendation: Felling
64	64	Tabubia Rosia	1.00	10.00	Felling	Tree bark is damaged and branches were cut. Hence it is recommended for felling Recommendation: Felling
65	65	Akasha Mallige	0.86	10.00	Felling	The tree is bended, branches were cut and multi coppiced from the ground. Hence recommended for felling Recommendation: Felling
66	66	Akasha Mallige	0.81	12.00	Felling	The tree is bended and branched. Hence it is recommended for felling Recommendation: Felling
67	67	Tabubia Rosia	0.83	12.00	Translocation	The tree is healthy and young. Hence it is recommended for transplantation. Recommendation: Translocation
68	68	Tabubia Rosia	1.05	10.00	Felling	The tree is matured, branches are pruned and located near compound wall. Hence recommended for felling Recommendation: Felling
69	69	Honge	0.92	10.00	Felling	The tree is falling on Metro alignment and it will obstruct the construction of BELLENDUR STATION The tree is bended and multiple branches. Hence it is recommended for felling Recommendation: Felling
70	70	Rain Tree	0.76	7.00	Felling	The tree is falling on Metro alignment and it will obstruct the construction of kadubeesanahalli station The tree is situated near the compound wall and not possible to take root ball. Hence it is recommended for felling Recommendation: Felling
71	71	Rain Tree	0.87	7.00	Felling	The two trees are entangled to each other near the compound wall. Hence not possible to take root ball, recommended for felling Recommendation: Felling

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72	72	Rain Tree	0.64	6.00	Felling	The two trees are entangled to each other near the compound wall. Hence not possible to take root ball, recommended for felling Recommendation: Felling
73	73	Rain Tree	0.74	6.00	Translocation	The tree is young and healthy. Hence it is recommended for transplantation Recommendation: Translocation
74	74	Rain Tree	0.52	6.00	Translocation	The tree is falling on Metro alignment and it will obstruct the construction of kadubeesanahalli station The tree is young and healthy, Hence it is recommended for transplantation Recommendation: Translocation
75	75	Baage	0.88	6.00	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. Both Bage and Honge roots are entangled to each other and bended. It is not possible to take root ball. Recommendation: Felling
76	76	Honge	0.41	4.00	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. Both Bage and Honge roots are entangled to each other and bended. It is not possible to take root ball. Recommendation: Felling
77	77	Cherry	0.47	2.00	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree branches were cut and the tree is partially dead Recommendation: Felling
78	78	Spathodea	1.47	9.00	Felling	The Tree is falling on the Metro align ment and it will obstruct the Cons truction of Kodibeesanahalli Metro station building works. The tree is matured and forked from the ground level. Recommendation: Felling
79	79	Rain Tree	1.00	8.00	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree is bending and bark is damaged. Recommendation: Felling
80	80	Rain Tree	1.59	10.00	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree is matured, forked and bended. Recommendation: Felling

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81	81	Cherry	0.60	2.50	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree is pruned and forked. Recommendation: Felling
82	82	Honge	0.32	3.50	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree is very young and can be transplanted to nearby area. Recommendation: Transplantation
83	83	Honge	0.30	3.00	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree is young and can be transplanted to nearby area. Recommendation: Transplantation
84	84	Honge	0.37	3.50	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree bark is damaged and forked. Recommendation: Felling
85	85	Seemaruba	0.30	4.00	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Marathalli Metro station building works. The tree bark is damaged and branch is pruned and not in a healthy condition for transplantation Recommendation: Felling
86	86	Mahagony	0.30	5.00	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of Marathalli Metro station building works. The tree is young and healthy Recommendation: Transplantation
87	87	Hoovarsi	0.34	3.00	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Marathalli Metro station building works. The tree is bended, bark is damaged and branch is pruned Recommendation: Felling
88	88	Honge	0.22	2.50	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Marathalli Metro station building works. The tree is multiforked and bended, not fit for transplantation Recommendation: Felling

89	89	Kadubadami	0.38	4.00	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of Marathalli Metro station building works. The tree is young and healthy Recommendation: Transplantation
90	90	Honge	0.34	3.00	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Marathalli Metro station building works. The tree is multi-forked and next to the compound wall. Recommendation: Felling
91	91	Cherry	0.50	3.50	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Marathalli Metro station building works. The tree is forked from the ground and not possible to take root ball. Recommendation: Felling
92	92	Hoovarsi	0.35	4.00	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Marathalli Metro station building works. The tree branches were cut and it is not possible to take root ball Recommendation: Felling
93	93	Kadubadami	0.49	6.00	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of Marathalli Metro station building works. The tree is young and can be transplanted nearby area Recommendation: Transplantation
94	94	Mahagony	0.28	4.50	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of Marathalli Metro station building works. The tree is young and can be transplanted. Recommendation: Transplantation
95	95	Hoovarsi	0.37	4.00	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Marathalli Metro station building works. The tree is multi-forked Recommendation: Felling
96	96	Bilvara	0.20	3.50	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of ISRO Metro station building works. Tree is having straight bole and found healthy, hence, it is recommended for translocation. Recommendation: Transplantation

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97	97	Acacia	1.28	4.00	Retention	The Tree is falling on the property development area of ISRO metro station, it will not obstruct the project activity Hence, it is recommended for retention, Recommendation: Retention
98	98	Acacia	0.91	4.50	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity Hence, it is recommended for retention, Recommendation: Retention
99	99	Sandalwood	0.21	1.50	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity Hence, it is recommended for retention, Recommendation: Retention
100	100	Sandalwood	0.24	2.50	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity Hence, it is recommended for retention, Recommendation: Retention
101	101	Acacia	1.17	5.00	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity Hence, it is recommended for retention Recommendation: Retention
102	102	Acacia	1.26	5.00	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity Hence, it is recommended for retention Recommendation: Retention
103	103	Acacia	1.15	6.00	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity Hence, it is recommended for retention Recommendation: Retention
104	104	Sandalwood	0.28	2.00	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity Hence, it is recommended for retention Recommendation: Retention
105	105	Sandalwood	0.20	2.00	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity Hence, it is recommended for retention Recommendation: Retention

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106	106	Baage	1.17	4.00	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity Hence, it is recommended for retention Recommendation: Retention
107	107	Nilgiri	0.74	4.00	Retention	The Tree is falling on the property development area of ISRO metro station. it will not obstruct the project activity Hence, it is recommended for retention Recommendation: Retention
108	108	Nilgiri	1.02	5.00	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity Hence, it is recommended for retention, Recommendation: Retention
109	109	Spathodea	0.38	5.00	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity Hence, it is recommended for retention, Recommendation: Retention
110	110	Begonia	0.28	6.00	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree is young and healthy, hence, recommended for translocation. Recommendation: Transplantation
111	111	Canocarpus	0.42	4.00	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree is having straight bole, and not found any visible significant defective symptoms. Hence, it is recommended for translocation. Recommendation: Transplantation
112	112	Canocarpus	0.40	3.50	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree is young and healthy and it is slant. Hence, it is recommended for translocation. Recommendation: Transplantation
113	113	Begonia	0.33	4.00	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree is having straight bole, and not found any significant visible defective symptoms. Hence, it is recommended for translocation. Recommendation: Transplantation

114	114	Akasha Mallige	0.40	3.50	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. The tree is lean, and it is infested with termites. Hence, it is recommended for felling. Recommendation: Felling
115	115	Akasha Mallige	0.19	4.00	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree is dried/dead. Hence, recommended for felling. Recommendation: Felling
116	116	Akasha Mallige	0.36	3.50	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree is young and healthy, hence, it is recommended for translocation. Recommendation: Transplantation
117	117	Akasha Mallige	0.24	4.00	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree has forked branches but tree is young and healthy, hence, it is recommended for translocation. Recommendation: Transplantation
118	118	Akasha Mallige	0.25	4.00	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree is young and healthy, hence, it is recommended for translocation. Recommendation: Transplantation
119	119	Akasha Mallige	0.25	4.50	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree is very young, and it is having straight bole and not found any visible defective symptoms. Hence, it is recommended for trans location. Recommendation Transplantation
120	120	Akasha Mallige	0.29	4.50	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree is young and healthy, hence, it is recommended for translocation. Recommendation: Transplantation
121	121	Akash Mallige	0.21	2.00	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree has forked

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						branches, but tree is healthy, hence, it is recommended for translocation.
122	122	Akasha Mallige	0.23	3.50	Translocation	Recommendation: Transplantation The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree is having straight bole and not found any visible defective symptoms. Hence, it is recommended for translocation. Recommendation: Transplantation
123	123	Akasha Mallige	0.24	2.50	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree is young and healthy, hence, recommended for translocation. Recommendation: Transplantation
124	124	Akasha Mallige	0.26	2.50	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Treee is healthy, hence, recommended for translocation. Recommendation: Transplantation
125	125	Akasha Mallige	0.31	3.50	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree is healthy and young and not found any visible defective symptoms. Hence, it is recommended for translocation. Recommendation: Transplantation
126	126	Akasha Mallige	0.25	2.00	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DRDO Metro station building works. Tree has forked branches and it is bent. Tree is young, hence, it is recommended for translocation. Recommendation: Transplantation
127	127	Rain Tree	1.58	10.00	Felling	Construction of multi-storeyed parking space. The tree is multi-forked, matured and huge and standing close to the border / boundary wall of nearby existing building. As explained in the field by BMRCL engineer that proposed parking structure will hinder into the protection zone of the tree the tree cannot be retained. Since the tree is matured and gigantic, excavation of applicable size of root ball and shifting of such huge tree as per scientific procedure (retaining the canopy as such and root ball of size to the extent of canopy) is practically not feasible

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						for translocation / transplantation. Recommendation: Felling
128	128	Peltophorum	1.70	20.00	Felling	Construction of pillar (no. A8) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and forked, therefore the tree cannot be translocated / transplanted. Recommendation: Felling
129	129	Silver Oak	1.40	17.00	Felling	Construction of pillar (no. A8) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and bending, therefore the tree cannot be translocated / transplanted. Recommendation: Felling
130	130	Silver Oak	1.60	19.00	Felling	Construction of pillar (no. A8) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and very close to tree no. 129, thereby preventing excavation of applicable size of root ball, therefore the tree cannot be translocated / transplanted. Recommendation: Felling
131	131	Silver Oak	0.75	19.00	Felling	Construction of pillar (no. A8) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and show symptoms of oozing of pathological sap indicating the stress condition of the tree, therefore the tree cannot be translocated / transplanted. Recommendation: Felling
132	132	Silver Oak	1.05	18.00	Felling	Construction of pillar (no. A8) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and damaged, therefore the tree cannot be translocated Recommendation: Felling
133	133	Silver Oak	1.25	17.00	Felling	Construction of pillar (no. A8) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and show symptoms of oozing of pathological sap indicating the stress condition of the tree, therefore the tree cannot be translocated / transplanted.

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						Recommendation: Felling
134	134	Atti	0.45	3.50	Translocation	Construction of pillar (no. A8) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is very close an existing well, therefore appropriate procedure with utmost care should be taken while translocation / transplantation. Recommendation: Translocation / Transplantation
135	135	Royal palm	1.50	9.00	Felling	Construction of pillar (no. A9 & 10) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and cannot be translocated / transplanted. Recommendation: Felling
136	136	Atti	1.02	10.00	Translocation	Construction of pillar (no. A10) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The field condition of the tree qualifies the tree for translocation / transplantation. Recommendation: Translocation / Transplantation
137	137	Royal palm	1.35	11.00	Felling	Construction of elevated viaduct (roadways), where the height of the viaduct is approx. 5m, while the height of the tree is 11m, therefore the tree cannot be retained. The tree is matured and cannot be translocated / transplanted. Recommendation: Felling
138	138	Royal palm	1.25	10.00	Felling	Construction of elevated viaduct (roadways), where the height of the viaduct is approx. 5m, while the height of the tree is 11m, therefore the tree cannot be retained. The tree is matured and cannot be translocated / transplanted. Recommendation: Felling
139	139	Royal palm	1.25	11.00	Felling	Construction of elevated viaduct (roadways), where the height of the viaduct is approx. 5m, while the height of the tree is 11m, near to pillar no. A10 and RE wall (B), therefore the tree cannot be retained. The tree is matured and cannot be translocated / transplanted. Recommendation: Felling
140	140	Royal palm	1.35	10.00	Felling	Construction of elevated viaduct (roadways), where the height of the

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						viaduct is approx. 5m, while the height of the tree is 11m, near to pillar no. A10 and RE wall (B ramp), therefore the tree cannot be retained. The tree is matured and cannot be translocated / transplanted. Recommendation: Felling
141	141	Bottlebrush	1.00	8.00	Felling	Construction of pillar (no. A11) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and multi-forked, therefore the tree cannot be translocated / transplanted. Recommendation: Felling
142	142	Kadu badami	0.90	11.00	Felling	Construction of pillar (no. A11) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
143	143	Arali	2.00	9.00	Translocation	Construction of elevated viaduct (roadways), where the height of the viaduct is approx. 6m, while the height of the tree is 9m, therefore the tree cannot be retained. The field condition of the tree qualifies the tree for translocation / transplantation. Recommendation: Translocation / Transplantation
144	144	Honge	0.84	9.00	Translocation	Construction of elevated viaduct (roadways), where the height of the viaduct is approx. 6m, while the height of the tree is 7m, therefore the tree cannot be retained. The tree field / health condition of the tree qualifies the tree for translocation / transplantation. Recommendation: Translocation / Transplantation
145	145	Tecoma	0.35	6.00	Felling	Construction of elevated viaduct (roadways), where the height of the viaduct is approx. 6m, while the height of the tree is 4m. However, since the tree is already dried and in the verge of dying the tree cannot be recommended for retention / transplantation / transplantation. Recommendation: Felling
146	146	Spathodea	0.75	8.00	Felling	Construction of pillar (no. B4) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The base / collar region of the tree is

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						decayed, therefore, the tree cannot be translocated / transplanted.
						Recommendation: Felling
147	147	Spathodea	1.37	9.00	Felling	Construction of pillar (no. A14) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
148	148	Spathodea	0.48	5.00	Translocation	Construction of pillar (no. A14) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
149	149	Peltophorum	0.88	10.00	Felling	Construction of pillar (no. A14) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
150	150	Spathodea	0.68	6.00	Felling	Construction of pillar (no. A14) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The tree is bending towards one side and do not qualify for translocation / transplantation. Recommendation: Felling
151	151	Peltophorum	1.00	10.00	Felling	Construction of pillar (no. A14) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and forked; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
152	152	Gulmohar	1.23	6.00	Felling	Construction of pillar (no. A15) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured with severe top damage; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
153	153	Silver Oak	1.35	15.00	Felling	Construction of pillar (no. A14) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured;

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						therefore, the tree cannot be
						translocated / transplanted.
						Recommendation: Felling
						Construction of pillar (no. A14) for elevated viaduct (roadways) adjacent
						to the position where the tree is
						standing, therefore the tree cannot be
154	154	Silver Oak	1.10	16.00	Felling	retained. The tree is matured;
						therefore, the tree cannot be
						translocated / transplanted.
						Recommendation: Felling
						Construction of pillar (no. B4) for
						elevated viaduct (roadways) adjacent
						to the position where the tree is
						standing, therefore the tree cannot be
155	155	Silver Oak	1.25	16.00	Felling	retained. The tree is matured;
						therefore, the tree cannot be
						translocated / transplanted.
						Recommendation: Felling
						Construction of pillar (no. B4) for
						elevated viaduct (roadways) adjacent
						to the position where the tree is
150	156	D 1: 1	1.24	15.00	Palling.	standing, therefore the tree cannot be
156	156	Peltophorum	1.24	15.00	Felling	retained. The tree is matured and
						forked; therefore, the tree cannot be
						translocated / transplanted.
						Recommendation: Felling
						Construction of pillar (no. B4) for
			0.78		Felling	elevated viaduct (roadways) adjacent
		Silver Oak		14.00		to the position where the tree is
						standing, therefore the tree cannot be
157	157					retained. The tree is matured and
						decayed from the base / collar region;
						therefore, the tree cannot be translocated / transplanted.
						Recommendation: Felling
						Construction of pillar (no. B4) for
						elevated viaduct (roadways) adjacent
						to the position where the tree is
						standing, therefore the tree cannot be
158	158	Silver Oak	1.24	14.00	Felling	retained. The tree is matured;
						therefore, the tree cannot be
						translocated / transplanted.
						Recommendation: Felling
						Construction of pillar (no. B5) for
						elevated viaduct (roadways) in the
		1				position where the tree is standing,
						therefore the tree cannot be retained.
159	159	Honge	0.38	2.00	Translocation	The field / health condition of the tree
						qualifies the tree for transplantation /
						translocation.
						Recommendation: Translocation /
						Transplantation
160	160	Kambada	0.53	6.00	Translocation	Construction of pillar (no. B5) for
		mara				elevated viaduct (roadways) in the

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						position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
161	161	Kambada mara	0.70	6.00	Translocation	Construction of pillar (no. B5) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
162	162	Kambada mara	0.56	6.00	Translocation	Construction of pillar (no. B5) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
163	163	Kambada mara	0.70	6.00	Translocation	Construction of pillar (no. A17) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
164	164	Kambada mara	0.75	4.00	Translocation	Construction of pillar (no. A17) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
165	165	Kambada mara	0.73	5.00	Translocation	Construction of pillar (no. A17) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
166	166	Kambada mara	0.70	5.00	Translocation	Construction of pillar (no. A17) for elevated viaduct (roadways) in the position where the tree is standing.

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						therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
167	167	Indian rubber	4.00	13.00	Felling	Construction of pillar (no. B7) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
168	168	Kadu badami	0.92	12.00	Felling	Construction of pillar (no. B7) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured with dieback symptom; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
169	169	Nerale	1.20	11.00	Felling	Construction of pillar (no. B7) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured with robust growth of parasitic plants; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
170	170	Kadu badami	0.26	5.00	Translocation	Construction of pillar (no. B7) for elevated viaduct (roadways) in the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
171	171	Christmas tree	1.28	15.00	Felling	Construction of pillar (no. A19) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
172	172	Christmas tree	1.15	12.00	Felling	Construction structures of A loops / viaduct (roadways) and B loops / viaduct (roadways) will be merging at a height of 6m, while the height of the tree is 9m, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be

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						translocated / transplanted. Recommendation: Felling
173	173	Kambada mara	0.70	3.00	Translocation	The position / space of the tree will be utilized for supporting stalks for construction structures of viaducts (roadways), therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
174	174	Kambada mara	0.52	3.00	Translocation	The position / space of the tree will be utilized for supporting stalks for construction structures of viaducts (roadways), therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
175	175	Kambada mara	0.52	5.00	Translocation	The position / space of the tree will be utilized for supporting stalks for construction structures of viaducts (roadways), therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
176	176	Kambada mara	0.53	4.00	Translocation	The position / space of the tree will be utilized for supporting stalks for construction structures of viaducts (roadways), therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
177	177	Hunase	0.25	3.00	Translocation	The position / space of the tree will be utilized for supporting stalks for construction structures of viaducts (roadways), therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
178	178	Sihi hunase	0.78	8.00	Felling	Construction of pillar (no. A16) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and multi-forked; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling

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179	179	Sihi hunase	0.83	8.00	Felling	Construction of pillar (no. A16) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and multi-forked; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
180	180	Sihi hunase	0.43	9.00	Felling	Construction of pillar (no. A16) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The base of the tree is conjoined with tree no. 181, thereby preventing the provision for excavation of applicable size of root ball, therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
181	181	Spathodea	1.65	14.00	Felling	Construction of pillar (no. A16) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured, forked and base of the tree is conjoined with tree no. 182, thereby preventing the provision for excavation of applicable size of root ball, therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
182	182	Peltophorum	0.94	11.00	Felling	Construction of pillar (no. A16) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The base of the tree is decayed and the branch no. (182B) is fallen, therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
183	183	Jacaranda	0.84	7.00	Felling	Construction of pillar (no. A17) for elevated viaduct (roadways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured and bending towards one side, therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
184	184	Royal palm	1.86	17.00	Felling	Construction structures of A loops / viaduct (roadways) and B loops / viaduct (roadways) will be converging at a height of 6m, while the height of the tree is 17m, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be

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						translocated / transplanted. Recommendation: Felling
185	185	Royal palm	1.75	14.00	Felling	Construction structures of A loops / viaduct (roadways) and B loops / viaduct (roadways) will be converging at a height of 6m, while the height of the tree is 14m, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
186	186	Royal palm	1.86	13.00	Retention	The standing position of the tree do not hinder any of the project related proposed construction activities. Recommendation: Retention
187	187	Royal palm	1.90	14.00	Felling	Construction structures of A loops / viaduct (roadways) and B loops / viaduct (roadways) will be converging at a height of 6m, while the height of the tree is 14m, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
188	188	Royal palm	1.81	12.00	Felling	Construction structures of A loops / viaduct (roadways) and B loops / viaduct (roadways) will be converging at a height of 6m, while the height of the tree is 12m, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
189	189	Royal palm	1.41	15.00	Felling	Construction of pillar (no. RP6) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
190	190	Royal palm	1.52	15.00	Felling	Construction of pillar (no. RP6) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
191	191	Royal palm	1.50	15.00	Felling	Construction of pillar (no. RP6) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling

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192	192	Royal palm	1.49	16.00	Felling	Construction of pillar (no. RP6) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
193	193	Royal palm	1.49	15.00	Felling	Construction of pillar (no. RP6) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
194	194	Royal palm	1.53	15.00	Felling	Construction of pillar (no. RP6) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is matured; therefore, the tree cannot be translocated / transplanted. Recommendation: Felling
195	195	Royal palm	1.60	16.00	NA	Construction of pillar (no. RP6) for elevated viaduct (railways) adjacent to the position of the tree. However, TEC did not notice the tree in the field and understood the status is under enquiry as informed by Forest department official. Recommendation: Not Applicable
196	196	Silver Oak	1.50	15.00	NA	Construction of pillar (no. RP6) for elevated viaduct (railways) adjacent to the position of the tree. However, TEC did not notice the tree in the field and understood the status is under enquiry as informed by Forest department official. Recommendation: Not Applicable
197	197	Royal palm	1.60	15.00	NA	Construction of pillar (no. RP6) for elevated viaduct (railways) adjacent to the position of the tree. However, TEC did not notice the tree in the field and understood the status is under enquiry as informed by Forest department official. Recommendation: Not Applicable
198	198	Silver Oak	1.60	16.00	NA	Construction of pillar (no. RP6) for elevated viaduct (railways) adjacent to the position of the tree. However, TEC did not notice the tree in the field and understood the status is under enquiry as informed by Forest department official. Recommendation: Not Applicable
199	199	Royal palm	1.60	16.00	NA	Construction of pillar (no. RP6) for elevated viaduct (railways) adjacent to

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						the position of the tree. However, TEC did not notice the tree in the field and understood the status is under enquiry
						as informed by Forest department official. Recommendation: Not Applicable
200	200	Silver Oak	1.60	15.00	NA	Construction of pillar (no. RP6) for elevated viaduct (railways) adjacent to the position of the tree. However, TEC did not notice the tree in the field and understood the status is under enquiry as informed by Forest department official. Recommendation: Not Applicable
201	201	Silver Oak	0.76	9.00	NA	Construction of pillar (no. RP6) for elevated viaduct (railways) adjacent to the position of the tree. However, TEC did not notice the tree in the field and understood the status is under enquiry as informed by Forest department official. Recommendation: Not Applicable
202	202	Atti	1.03	8.00	Translocation	Construction of pillar (no. RP7 & 8) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
203	203	Honge	0.51	6.00	Felling	Construction of pillar (no. RP7 & 8) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is already dried and in the verge of dying, therefore the tree cannot be recommended for transplantation / translocation. Recommendation: Felling
204	204	Gulmohar	2.82	7.00	Felling	Construction of pillar (no. RP7 & 8) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The roots of the tree are severely damaged by adjacent BMRCL project activities; therefore, the tree cannot be recommended for transplantation / translocation. Recommendation: Felling
205	205	Silver Oak	0.74	8.00	Felling	Construction of pillar (no. RP7 & 8) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is with severe

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•						damage; therefore, the tree cannot be recommended for transplantation / translocation. Recommendation: Felling
206	206	Nerale	0.41	6.50	Translocation	Construction of pillar (no. RP9) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
207	207	Halasu	0.94	11.00	Translocation	Construction of pillar (no. RP9 & 10) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation. Recommendation: Translocation / Transplantation
208	208	Peltophorum	0.43	7.00	Translocation	Construction of pillar (no. RP9 & 10) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation / translocation, except 208B, which may be treated appropriately. Recommendation: Translocation / Transplantation
209	209	Peltophorum	0.30	6.00	Translocation	Construction of pillar (no. RP10) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The field / health condition of the tree qualifies the tree for transplantation. Recommendation: Translocation / Transplantation
210	210	Haralu mara	0.31	4.00	Felling	Construction of pillar (no. RP10) for elevated viaduct (railways) adjacent to the position of the tree. However, TEC found the tree was already fallen. Therefore, the tree may be categorised under felling. Recommendation: Felling
211	211	Silver Oak	0.91	10.00	Felling	Construction of pillar (no. RP10) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is very close to tree no. 212, therefore, the tree cannot be recommended for transplantation

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						translocation.
212	212	Spethodea	1.55	10.00	Felling	Recommendation: Felling Construction of pillar (no. RP10) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is very close to tree no. 211 and bent and matured, therefore, the tree cannot be recommended for transplantation / translocation. Recommendation: Felling
213	213	Peltophorum	1.18	12.00	Felling	Construction of pillar (no. RP10) for elevated viaduct (railways) adjacent to the position where the tree is standing, therefore the tree cannot be retained. The tree is multi-forked, matured and damaged severely, therefore, the tree cannot be recommended for transplantation / translocation. Recommendation: Felling
214	214	Spathodea	1.76	8.00	Felling	Construction of elevated Metro Station (HSR) in the standing position of the tree, therefore the tree cannot be retained. The tree is matured with severe knots and hence cannot be recommended for transplantation / translocation. Recommendation: Felling
215	215	Honge	0.59	3.50	Felling	Construction of elevated Metro Station (HSR) in the standing position of the tree, therefore the tree cannot be retained. The base of the tree is conjoined with tree no. 216, therefore the tree cannot be recommended for transplantation / translocation. Recommendation: Felling
216	216	Honge	0.66	4.00	Felling	Construction of elevated Metro Station (HSR) in the standing position of the tree, therefore the tree cannot be retained. The base of the tree is conjoined with tree no. 215 and multiforked with weak branch union, therefore the tree cannot be recommended for transplantation / translocation. Recommendation: Felling
217	217	Dalichandra	0.40	6.00	Felling	Construction of elevated Metro Station (HSR) in the standing position of the tree, therefore the tree cannot be retained. The tree is forked with weak branch union; therefore, the tree cannot be recommended for transplantation / translocation. Recommendation: Felling

218	218	Halasu	1.69	10.00	Felling	The tree is falling on Metro alignment and it will obstruct the construction of Iblur station The tree is matured and forked from the ground and bark is damaged. Hence it is recommended for felling Recommendation: Felling
219	219	Hebbevu	1.17	10.00	Felling	The tree bark is damaged and is not in healthy condition, hence recommended for felling Recommendation: Felling
220	220	Hebbevu	0.40	9.00	Translocation	The tree is young and healthy condition. Hence recommended for transplanation Recommendation: Translocation
221	221	Mavu	0.60	3.50	Translocation	The tree is falling on Metro alignment and it will obstruct the construction of Iblur station The Tree is young and healthy, hence it is recommended for transplantation. Recommendation: Translocation
222	222	Cherry	0.79	4.00	Felling	The tree is falling on Metro alignment and it will obstruct the construction of Iblur Road widening The tree is pruned and bark is damaged, hence it is recommended for felling Hence it is recommended for felling. Recommendation: Felling
223	223	Mavu	0.58	6.00	Felling	The tree is falling on Metro alignment and it will obstruct the construction of Iblur Road widening The tree is multiforked and not fit for transplantation. Hence it is recommended for felling. Recommendation: Felling
224	224	Rain tree	1.00	5.00	Retention	The tree is coming on the edge of the proposed alignment. Hence it is recommended for retention on the site Recommendation: Retention
225	22	Sandal	0.25	4.00	Felling	The sandal is already damaged and partially dead
226	226	Seeme thangathi	0.60	4.00	Felling	The tree is falling on Metro alignment and it will obstruct the construction of Kadubeesanahalli station The bark is damaged and not in healthy condition, hence recommended for felling Recommendation: Felling
227	227	Cherry	0.57	5.00	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree is forked, bended and bark is damaged. Recommendation: Felling

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228	228	Cherry	0.67	6.00	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree is pruned, roots are damaged and bended. Recommendation: Felling
229	229	Cherry	0.75	4.00	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree bark is damaged, branches were cut and bended Recommendation: Felling
230	230	Tabebuia rosea	0.37	6.00	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree small branches can be removed and main tree can be transplanted to nearby area. Recommendation: Transplantation
231	231	Tabebuia rosea	0.58	7.50	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree is young and can be transplanted to nearby area. Recommendation: Translocation
232	232	Atti	1.00	8.00	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree is multi-forked and bended. One of the branch can be transplanted nearby area Recommendation: Transplantion
233	233	Nilgiri	0.46	11.00	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree is dep rooted exotic species. Recommendation: Felling
234	234	Cherry	0.36	3.00	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree is forked, bark damaged and not qualify the criteria of transplantation. Recommendation: Felling
235	235	Cherry	0.55	4.00	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of Kodibeesanahalli Metro station building works. The tree bark is damaged, bended and

						pruned. Recommendation : Felling
236	236	Nilgiri	1.28	10.00	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of ISRO Metro station building works. Tree has three branches and it looks like a clump, matured tree. Hence, it is recommended for felling. Recommendation: Felling
237	237	Atti	0.23	2.50	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of ISRO Metro station building works. Tree is very small, and healthy, hence, it is recommended for translocation. Recommendation: Transplantation
238	238	Nilgiri	1.10	10.00	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of ISRO Metro station building works. Tree is very near to existing compound wall, and it is having less ecological significance. Hence, it is recommended for felling. Recommendation: Felling
239	239	Nilgiri	1.34	10.00	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of ISRO Metro station building works. Tree is very near to existing compound wall, and it is having less ecological significance. Hence, it is recommended for felling. Recommendation: Felling
240	240	Nerale	1.24	5.00	Retention	The Tree is falling on the property development area of ISRO metro station, it will not obstruct the project activity, hence, it is recommended for retention. Recommendation: Retention
241	241	Maavu	0.30	2.50	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity, hence, it is recommended for retention. Recommendation: Retention
242	242	Maavu	0.33	2.50	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity, hence, it is recommended for retention. Recommendation: Retention
243	243	Nerale	0.45	3.00	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity, hence, it is recommended for retention. Recommendation: Retention

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244	244	Nerale	0.31	3.50	Retention	The Tree is falling on the property development area of ISRO metro station.it will not obstruct the project activity, hence, it is recommended for retention. Recommendation: Retention
245	245	Nerale	0.29	2.50	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity, hence, it is recommended for retention. Recommendation: Retention
246	246	Nerale	0.30	2.50	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity, hence, it is recommended for retention. Recommendation: Retention
247	247	Nerale	0.21	3.00	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity, hence, it is recommended for retention. Recommendation: Retention
248	248	Bevu	0.75	4.00	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity, hence, it is recommended for retention. Recommendation: Retention
249	249	Nerale	0.20	2.00	Retention	The Tree is falling on the property development area of ISRO metro station it will not obstruct the project activity, hence, it is recommended for retention. Recommendation: Retention
250	250	Cherry	0.60	3.00	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of DODDENAKUNDI Metro station building works. Tree is not having much ecological significance, Hence, it is recommended for felling. Recommendation: Felling
251	251	Cherry	0.58	4.00	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of DODDENAKUNDI Metro station building works. Tree is not having much ecological significance, Hence, it is recommended for felling. Recommendation: Felling
252	252	Shivane	0.20	3.50	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DODDENAKUNDI Metro station building works. Tree is

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						young and healthy, having straight bole, hence recommended for translocation. Recommendation: Transplantation
253	253	Honge	0.40	2.50	Translocation	The Tree is falling on the Metro alignment and it will obstruct the Construction of DODDENAKUNDI Metro station building works. Tree is young and healthy, hence, recommended for translocation. Recommendation: Transplantation
254	254	Cherry	0.75	4.00	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of DODDENAKUNDI Metro station building works. Tree is not having much ecological significance. Hence, this tree is recommended for felling. Recommendation: Felling
255	255	Subabul	0.34	2.50	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of DODDENAKUNDI Metro station building works. This tree is a fodder tree, is not having much ecological significance. Hence, this tree is recommended for felling. Recommendation: Felling
256	256	Sihihunase	0.80	2.00	Felling	The Tree is falling on the Metro alignment and it will obstruct the Construction of DODDENAKUNDI Metro station building works. Tree has forked branches, one major branch is pruned. Hence, it is recommended for felling. Recommendation: Felling

Total no. of trees assessed = 268 trees

(256 + 12 unnumbered)

Total no. of trees recommended for Retention = 27 Nos

Total no. of trees recommended for Translocation = **84 Nos**

Total no. of trees recommended for Felling = 157 Nos

(145 + 12 unnumbered)

Assistant Conservator of Forests BBMP, Bangalore

Proceedings of Tree Expert Committee Meeting dated 19.08.2021 in respect of review of BMRCL Application, findings on Objections in response to Public Notice and Preliminary Assessment of Trees by Tree Officer & DCF

Application No. BMRCL/Advisor-Civil/ORR/Ph-2A/2021/11884 dtd 09.03.2021

Project Area: Construction of Elevated Viaduct of length 19.633 Kms from Central Silk Board (CSB) Junction to K R Puram (Upto Baiyappanahalli Depot) and Thirteen Elevated Metro Stations including Road Widening, Utility Diversion and other allied works of Bengaluru Metro Rail Project of Outer Ring Road (ORR) line, Phase – 2A

- 1. The Tree Officer and Deputy Conservator of Forests, BBMP vide his letter No. A9 tree cutting/BMRCL/CR-543/2021-21 dated 16.08.2021 has submitted his preliminary assessment of trees related to application filed by BMRCL pertaining to 256 number of trees standing at the proposed Central Silk Board (CSB) Junction to K R Puram (Upto Baiyyappanahalli Depot) line of ORR, Phase 2A of the Metro Project, Bengaluru. The submission is accompanied by following documents.
 - a. A copy of the Application dated 09.03.2021 from BMRCL along with details and map of the area and details of trees involved including their GPS coordinates.
 - b. A copy of the Public Notice dated 13.07.2021 issued by the Tree Officer & DCF, BBMP, a complete set of the objections/suggestions received from the public and a copy of the proceedings dated 14.08.2021 of the Tree Officer regarding consideration of the objections/suggestions as per Section 8 (3) (vii) of the Karnataka Preservation of Trees Act, 1976 (Henceforth referred as KPT Act).
 - c. Tree Assessment Forms in Template 2 with Part I (dated 05.04.2021) containing tree details as furnished by Range Forest Officer and Part II (dated 03.08.2021) containing preliminary assessment of the Tree Officer for each of 256 trees proposed for removal by BMRCL.
 - d. Abstract of the review of the BMRCL application and preliminary assessment of trees by the Tree Officer in Template 3 Part I.
 - e. A statement prepared by Tree Officer showing the tree details along with preliminary assessment and justification for on-site retention/translocation/felling of trees.

The very purpose of issue of Public Notice provides a structured way of obtaining concerns / objections of the public and to consider them carefully.

- 2. The application was reviewed by the Tree Expert Committee (mentioned as TEC henceforth) in its meeting held on 19.08.2021. The TEC also considered the objections/suggestions received from the public, remarks and findings of the Tree Officer in respect of each objection, and proceedings dated 14.08.2021 of the Tree Officer regarding consideration of those objections.
- The TEC observed that total 24 objections/suggestions have been received in response to the public notice. The Tree Officer has stated that mostly the objections/suggestions relate to the subjects like issue of several public notices, granting extension of time for filing objections because of the prevailing pandemic during that period, to restrict the felling of trees and to increase the extent of compensatory afforestation. One of the objections pertained about the entry in the remarks column (like retention/translocation/felling) against the trees mentioned in the public notice. The Tree Officer with respect to the above observations/suggestions has remarked that issue of many public notices was necessitated because of the BMRCL's recommendation for better facilitation of works with proper supervision and also for administrative convenience. The BMRCL Phase 2A (Package 1 & 2) extending from Central Silk Board (CSB) to K R Puram and Phase 2B (Package 1, 2 & 3) extending from K R Puram to KIAL has been divided into 07 segments. For each segment public notice has been issued. He also considered and given reasonable extension of time for filing objections. He also emphasized that felling of trees is always kept to bare minimum and is based on the strategy being followed with regard to assessment of trees, i.e., first option being retention-onsite, second being translocation, if retention is not possible and last resort will be felling. Also adequate number of saplings will be planted under compensatory afforestation and its proper maintenance will be taken care of. With respect to the other aspects like remarks against each tree as per the public notice, the Tree Officer has clarified those remarks are only the preliminary assessment as made by field staff and the final decision depends upon the Field Inspection Report of Senior Officers and Tree Officers. The TEC concurred with the replies furnished by the Tree Officer regarding the objections/suggestions received in response to Public Notice.
- 4. The Chief Engineer, Social and Environment Management Unit (SEMU), BMRCL and concerned Engineers of the project area were present during the meeting. They were asked to make a presentation regarding the project details, necessity for removal of the trees given the project alignment, possibility of retaining the trees while carrying out the project construction.

He emphasized that Metro Project being a mass rapid transit system, seeks to setup a convenient, efficient, safe and sustainable mode of public transport. Its benefits include a shift from private modes of transport to public transport, and thereby a significant reduction in use of private vehicles,

other things remaining unchanged. Such modal shift is estimated to have a significant reduction in pollution in the project area. (Reference: "Note on Potential Reduction in Pollution" based on iDeCK's study on "Economic Analysis for 2A and 2B Corridors of Bangalore Metro" Annexure-6).

5. The TEC considered the Abstract of the Review of the Application by the Tree Officer and his preliminary assessment in Template 3 Part I. The Committee examined the detailed statement containing tree details and preliminary assessment/justification and noted the following recommendations made by the Tree Officer.

Total number of Trees assessed in the project area	256
Total number of Trees assessed for on-site retention	NIL
Total number of Trees assessed as suitable for translocation	96
Total number of Trees for felling	160

6. The TEC also perused the preliminary assessment of each tree in Part-I & II of Template 2. The TEC noted that the Tree Officer has personally inspected each tree before forming his preliminary assessment.

The TEC decided to visit the project area and scheduled the field inspection of the various spots/area.

The Tree Officer and the Representatives of BMRCL were asked to be present at the project area at the time of field inspection along with all necessary documents.

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

Part I ABSTRACT OF REVIEW OF THE APPLICATION SUBMITTED BY USER AGENCY INCLUDING PRELIMINARY ASSESSMENT BY TREE OFFICER

(to be compiled as per details documented for each tree in Template No. 2 and to be submitted by Tree Officer to TEC on the day of TEC meeting)

Name of the user agency	Bangalore Metro Rail Corporation Limited				
Purpose of the project	Construction of elevated viaduct from Central Silk Board (CSB) Junction to K.R Puram & upto Baiyappanahalli Depot				
Extent of the project area	19.633 Km				
Location of the project area	Between Central Silk Board (CSB) Junction to to K.R Puram & upto Baiyappanahalli Depot Start Point Lat: N 12° 54' 58.13" Long: E 77° 37' 4.11" End Point Lat: N 12° 59' 59.62" Long: E 77° 40' 39.38"				
No. of tree(s) enumerated in the project area	256				
Number of tree(s) proposed for removal by user agency	256				
Number of tree(s) for on-site retention as per preliminary assessment by Tree Officer	Nil				
Number of tree(s) for transplantation / translocation as per preliminary assessment by Tree Officer	96 Nos				
Number of tree(s) for felling as per preliminary assessment by Tree Officer	160 nos				

Summary of Proceedings* of consideration of objections received from public by Tree Officer

- The project area Outer Ring Road (ORR) is one of the most congested road section in the city with very high traffic volume, low vehicular speed and high pollution.
- The removal of the trees is necessary for construction of the sustainable public transport system by way of metro system and bus bays / bus stands besides creation of additional road lanes.
- BMRCL will be taking steps for translocation of trees, as feasible, and also for compensatory plantation in ration of 1:10 to mitigate adverse impact of the removal of trees from this location.

The observations of trees mentioned in remarks column is belongs to Field officer in primary inspection only. In Either these trees are going to fell or transplant is decided by Tree Expert Committee (TEC) after the field visit to site depending on their tree health condition and type of species.

* Note: Full proceedings with details should be appended.

Date:03.48. 2021

ACE

Tree Officer

Deputy Conservator of Forests Bangalore Urban Division, BANGALORE.

Part II

(to be prepared in compliance to Step 6 of the Memorandum of Procedure of TEC)

TEMPLATE No. 3

Part II

(to be prepared in compliance to Step 6 of the Memorandum of Procedure of TEC)

Remarks* of TEC on the day of TEC meeting:

(* Note: Including those on objections received in response to the public notice)

The replies and proceedings prepared by the Tree Officer in response to the objections /suggestions/remarks arising out of public notice were read before the Committee. The Tree Officer has considered the said objections/suggestions/remarks falling within the purview and powers vested with him. Regarding technical aspect, the matter was referred to the BMRCL authorities by the Tree Officer. They have responded and their remarks have been mentioned in the annexed sheet of the Tree Officer's proceedings.

After due deliberations, the Tree Expert Committee has directed the Tree Officer to initiate action on the constructive suggestions of the public for the matters falling within the powers vested with him and for the remaining subjects related to matters other than trees, the same can be communicated to the Project Authority/Competent Authority for perusal and future

guidance.

The TEC concurred with the findings of the Tree Officer in respect of the objections from the Public.

The Tree Assessment Forms submitted by the Tree Officer were also perused.

The Tree Expert Committee decided to conduct the detailed spot inspection of the area.

Date:

Member Secretary of TEC & **Assistant Conservator of Forests**

BBMP, Bangalore

Proceedings of Tree Expert Committee regarding Field Inspection of trees existing between Central Silk Board (CSB) Junction to K R Puram and upto Baiyappanahalli Depot area of ORR, pertaining to Metro Rail Project, Phase – 2A, Bengaluru

Application No. BMRCL/Advisor-Civil/ORR/Ph-2A/2021/11884 dtd 09.03.2021

Project Area: Construction of Elevated Viaduct of length 19.633 Kms from Central Silk Board (CSB) Junction to K R Puram (Upto Baiyappanahalli Depot) and Thirteen Elevated Metro Stations including Road Widening, Utility Diversion and other allied works of Bengaluru Metro Rail Project of Outer Ring Road (ORR) line, Phase – 2A

- 1. In furtherance of the earlier TEC meeting proceedings (dtd 19.08.2021), the field inspection for assessment of trees standing in the Metro Rail Project Area between Central Silk Board (CSB) Junction to K R Puram (Upto Baiyappanahalli Depot area) of ORR area pertaining to Phase 2A, was carried out by the TEC from 30.08.2021 to 02.09.2021. The Tree Officer and the Representatives of BMRCL were present at the site.
- 2. The following activities were carried out by the TEC for each tree assessed.
 - 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.
 - ii. Confirmation regarding those trees being inside the project construction area.
 - iii. Discussion with BMRCL Representatives to explore possibility of carrying out the construction without removal of trees, and identification of those trees which can be retained on-site.
 - iv. Review of preliminary assessment made by the Tree Officer in the Template 2 Part II.
 - v. Assessment of the general conditions of the trees to decide the feasibility of tree translocation in the event of retention-on-site not possible.
- 3. The Committee in its above set of activities was guided by the detailed procedure and prioritization formulated in Step 7 of the Memorandum of Procedure (MOP).
- 4. The Committee carried out the 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.
- 5. **On-site Retention**: The TEC identified 27 trees though standing in the project area but not hindering the project activities, can be retained-on-site.
- 6. As verified during the field inspection, the remaining 229 trees which will have to be suggested for translocation and felling are falling within the proposed following physical features of the Project as per BMRCL letter no. BMRCL/GM/SEMU/2021-22/9020 dtd. 03.12.2021 recommended by Tree Officer and DCF, Bengaluru Urban Division vide his letter No. A9/Tree Cutting/BMRCL/CR-543/2021-22/2356 dtd. 04.12.2021.

Sl No	Physical Features	Tree No	Location of the trees	
1	Construction of proposed Metro Station	01 to 11 & 127 to 213	Central Silk Board Junction (CSB) & CSB Metro Station	
2	Construction of proposed Metro station	214 to 217	HSR Metro Station	
3	Construction of proposed Metro Station	12 to 48	Agara Metro Station	
4	Construction of proposed Metro station	218 to 223	Iblur Metro Station	
5	Construction of proposed Metro station	49 to 69 and 224	Bellandur Metro Station	
6	Construction of proposed Metro station	70 to 74 and 225, 226	Kadubeesanahalli Metro Station	
7	Construction of proposed Metro Station	75 to 84 and 227 to 235	Kodibeesanahalli Metro Station	
8	Construction of proposed Metro station	85 to 95	Marathahalli Metro Station	
9	Construction of proposed Metro station	96 to 109 and 236 to 249	ISRO Metro Station	
10	Construction of proposed Metro station	250 to 255	Doddanekundi Metro Station	
11	Construction of proposed Metro Station	110 to 126 and 256	DRDO Metro Station	

Since these 229 trees are standing right in the construction activity area and hindering the project activities, their removal becomes inevitable.

7. The next consideration for the Committee was to identify the trees out of the above 229 trees standing in the Construction Zone which are fit for translocation. While making recommendations for translocation of the trees, the Committee considered the following conditions, in addition to 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.
- ii. The trees having below mentioned characteristics did 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.
- iii. Other aspects of species viz., economically important species, species that could provide food (nectar, pollen, seeds and fruits) and nesting sources (materials and site) to various fauna.
- 5. For the trees having the potential for translocation, availability of effective zone to extract the root-ball of sufficient size was also assessed. The trees in the above category (ii) and those without adequate effective zone to extract the root-ball were specifically not recommended for the translocation.
- 6. Ultimately the trees, which could neither be retained-on-site nor translocated, were recommended for felling as a last resort.
- 7. The assessment with justification for each tree was recorded as stipulated in Part-III of Template 2.
- 8. Following is the summary of recommendations of the Committee as recorded in the Template 2 Part III.

Total number of Trees standing from Central Silk Board (CSB) Junction to K R Puram (Upto Baiyappanahalli) on ORR area -256 + 12 unnumbered trees = 268

TEC Recommendations	Package 1 (CSB to Kodibeesanahalli)	Package 2 (Kodibeesanahalli to K R Puram)	Total
Total number of trees recommended for on-site retention	04	23	27
Total number of trees found suitable for Translocation	56	28	84
Total number of trees for Felling	107 + 7 trees were not found at the time of Field Inspection. On enquiry with the Forest Authorities of K R Puram Range, Bengaluru Urban Division, it was informed that the trees have already been felled and a case has been registered	31 + 12 (unnumbered) = 43	145 + 12 Unnumbered
Total	174	94	268

- 9. A statement containing recommendations and justification along with the tree details is appended to these proceedings.
- 10. **Assessment of Areas for Translocation:** Having completed the above assessment of trees at the project area, the Committee visited the following area proposed by BMRCL and recommended by the Tree Officer for translocation of 84 trees of both Package 1 and 2, to assess the land suitability.

Sl. No.	Particulars	Translocation areas	Total No. of trees
1.	Phase 2A, Package 1	CMP Centre, Training area, HSR 1 st Sector, 27 th Cross, Ibluru, Bengaluru – 560 102. An extent of 1.5 Ha of land in this locality has been identified for translocation of 56 trees	56
2.	Phase 2A, Package 2	Bhoganahalli Lake area, Bengaluru An extent of 0.64 Ha of land in this locality has been identified for translocation of 28 trees	28

11. The Committee reviewed the soil test analysis report, of the above area, as prepared by Department of Soil Science and Agricultural Chemistry, UAS, GKVK, Bangalore and recommended by the Tree Officer and DCF, BBMP, with the following inference:

Sl. No.	Particulars	Translocation areas	Soil Analysis
I_{\odot}	Phase 2A, Package 1	CMP Centre, Training area, HSR 1 st Sector, 27 th Cross, Ibluru, Bengaluru – 560 102.	"The four soil sample provided for analysis is acidic in nature, low organic content and contains low to medium quantities of major nutrients (N, P, K as per standards) and all other parameters vary from medium to high ranges as per standards. Therefore with proper amendment application soil is suitable for translocation/compensatory plantation".
2.	Phase 2A, Package 2	Bhoganahalli Lake area, Bengaluru	"The five soil samples provided for analysis are acidic to neutral in nature, low to medium in organic carbon, available N, P & K as per standards and all other parameters vary from medium to high ranges as per standards. Therefore with proper amendment application soil is suitable for translocation/compensatory plantation".

The TEC examined the recommendation of the Tree Officer, BBMP on the basis of report of UAS, Bangalore with respect to land suitability for translocation of trees.

- 14. Regarding details of the Translocation of Trees process, the TEC directed the DCF, BBMP and BMRCL to submit the precise locations of the proposed areas of translocation and specific receptor site coordinates where the trees have to be translocated at the above proposed translocation area.
- 12. In pursuance to the instructions as mentioned in KPT Act 1976, BMRCL should take up Compensatory afforestation by planting of 2290 saplings @ 10 saplings for each of 229 trees to be translocated/felled.

Member - Secretary, TEC &

Assistant Conservator of Forests,

Bruhat Bengaluru Mahanagara Pallike,

Bengaluru.

Proceedings of Tree Officer & DCF, Bengaluru (Urban) District

Subject: Objections / Suggestions from the public regarding removal of trees from area of Central Silk Board(CSB) Junction to K.R Puram & upto Baiyappanahalli Depot
Line of Phase-2A

Date:14.08,2021.

Application No:BMRCL/Advisor-Civil/ORR/Ph-2A/2021/11884 dated:09-03-2021 This Office letter No: A9.tree cutting/BMRCL/CR-301/2020-21

- 1. Bangalore Metro Rail Corporation (BMRCL) had applied on 09.03.2021 under section 8(2) of the Karnataka Preservation of Trees Act (henceforth mentioned as the Act) seeking permission to remove 256 trees from the area from Central Silk Board(CSB) Junction to K.R Puram & upto Baiyappanahalli Depot Line of Phase-2A
- 2. A public notice in the Template I was issued on 13.07.2021 as required under section 8(3)(vii) of the Act, inviting objections from the public within 10 days from the date of publication of the notice. The notice appeared in Deccan Herald and Vijayavani on 16-07-2021. The details of the project area, total number of trees, total number of trees to be removed, GPS coordinates and physical details of those trees were also uploaded on the website www.bbmp.gov.in of BBMP to facilitate access to the relevant information by the public. These details were also made available in the office of the undersigned during the working office hours.
- 3. In response to the notice, total 24 objections /suggestions were received. Those suggestions / observation from the public have has been considered carefully. In all cases of tree removal, the first attempt would be the retention on site and the second will be to translocate, as feasible and practical. Only thereafter, option of felling will be taken up. The extent of compensatory plantation would be in ratio of 1:10.

4. The suitability of each tree for on-site retention or translocation should be assessed through inspection and the findings along with these proceedings should be placed before the Tree Expert Committee.

Tree Officer

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Deputy Conservator of Forest Bengaluru (Urban) District

SI. No	Name & Date	Objection from Public	Remarks and findings of Tree Officer
1.	Veena Krishnan krishnanveena@gmail.com 23 July 2021	Dear Sir: Please find attached Annexure 01	 The project area Outer Ring Road (ORR) is one of the most congested road section in the city with very high traffic volume, low vehicula speed and high pollution. The removal of the trees in necessary for construction of the sustainable public transport system by way of metro system and bus bays / bus stands besides creation of additional road lanes. BMRCL will be taking steps for translocation of trees, as feasible and also for compensatory plantation in ration of 1:10 to mitigate adverse impact of the removal of trees from this location. The positive impacts of metro will far outweigh the small adverse impact of removal of trees. Either these trees are going to fell of transplant is decided by Tree Expert Committee (TEC) after the field visit to site depending on their tree health condition and type of species. These trees are going to affect the Viaduct-pier activities in foundation portion.

Re	marks of Tree Office	er to the objections received from the p Phase 2A	ublic in Central Silk Board to K R Puram,
SI. No	Name & Date	Objection from Public	Remarks and findings of Tree Officer
2.	Dattatraya T Devare (Subhash) devaredt@gmail.co m 25 July 2021	This refers to the public notice for tree felling for METRO.Link below. https://bbmp.gov.in/departmentwebsites/Forest%20Department/forest/Application%20ORR%20Ph-%202A%20DCF,%20Urban.pdf 256 trees are affected. The remarks column mentions the decision(whether felling OR transplantation).It appears that not a single tree is being RETAINED.If the decision about each tree has already been made,the purpose of inviting objections from the public is not clear at all. I request you to re-issue this notice without mentioning (felling OR transplantation) in the remarks column. Thanks and Regards, D T Devare	 The project area Outer Ring Road (ORR) is one of the most congested road section in the city with very high traffic volume, low vehicular speed and high pollution. The removal of the trees is necessary for construction of the sustainable public transport system by way of metro system and bus bays / bus stands besides creation of additional road lanes. BMRCL will be taking steps for translocation of trees, as feasible, and also for compensatory plantation in ration of 1:10 to mitigate adverse impact of the removal of trees from this location. The observations of trees mentioned in remarks column is belongs to Field officer in primary inspection only. In Either these trees are going to fell or transplant is decided by Tree Expert Committee (TEC) after the field visit to site depending on their tree health condition and type of species.
3.	Aniket Babar info@jhatkaa.org 28 July 2021	In view of this, the public notice issued by the Deputy Conservator of	
4.	ManuNairinfo@jha tkaa.org 28 July 2021	Forests (Bangalore Urban) inviting objections to the Bangalore Metro Airport Line impacting 256 trees in the Central Silk Board to K R Puram	
5.	UdayKumarinfo@j hatkaa.org 28 July 2021	section is not only incomplete view of the ecological impact but also a misplaced responsibility on the citizens.	The project area Outer Ring Road (ORR) is one of the most congested road section in the city with very
6	JonnalagaddaBalas ubramaniam <u>info@j</u> hatkaa.org 28 July 2021	There are too many public notices released between 30th April to 26th July for the Bangalore Metro Airport line. Such fragmentation of a project does not provide citizens with a	 high traffic volume, low vehicular speed and high pollution. Public Notice is issued for this work after lock down period. Even as per
7.	Sandhya Balasubramanian <u>inf</u> o@jhatkaa.org 28 July 2021	holistic view of what the project impacts are. There are currently 4 notices in the public domain for the Phase 2 A stretch for various segments and tree counts and different deadline	Karnataka Preservation Tree (KPT) act there is 10 days for inviting public objections.
8	Mukund Acharya info@jhatkaa.org 28 July 2021	for objection. How are the citizens expected to keep track of these notices, repeatedly venture out to	The removal of the trees is necessary for construction of the

Remarks of Tree Officer to the objections received from the public in Central Silk Board to K R Puram, Phase 2A

SI. No	Name & Date	Objection from Public	Remarks and findings of Tree Officer
9.	UttarayanSanyal <u>inf</u> o@jhatkaa.org 28 July 2021	survey the stretch once information is made available and then file their objections? Please provide a single fresh Public Notice with a complete view of the	sustainable public transport system by way of metro system and bus bays / bus stands besides creation of additional road lanes.
10	Sangeetha S info@jhatkaa.org 28 July 2021		BMRCL will be taking steps for translocation of trees, as feasible, and also for compensatory
11	TanushaMadhusud han <u>info@jhatkaa.or</u> g 28 July 2021	concern by sending objections on tree cutting for this line. Citizens have repeatedly mentioned that amidst the	plantation in ration of 1:10 to mitigate adverse impact of the removal of trees from this location. The positive impacts of metro will far outweigh the small adverse
12	ShirishLakshmanan info@jhatkaa.org 28 July 2021	pandemic and with such a fragmented and confusing view, it is not possible to venture out and give constructive objections to a project. Therefore we demand: 1. Provide 30 days timeline for	 impact of removal of trees. Either these trees are going to fell or transplant is decided by Tree Expert Committee (TEC) after the field visit to site depending on their tree
13	Mohammed Raja info@jhatkaa.org 28 July 2021	submission of objections on the	 health condition and type of species. These trees are going to affect the Viaduct-pier activities in foundation portion.
14	S.A. Shivashankar <u>info@</u> jhatkaa.org 28 July 2021	2. Meanwhile do not approve cutting of these 3795 trees for Bangalore Metro Phase 2 A and 2 B Projects 3. Provide citizens with details on actions taken on the objections sent so far.	
15	Ashok Ashok< <u>info@jhatk</u> aa.org 28 July 2021	Dear Deputy conservator of forests, In view of this, the public notice issued by the Deputy Conservator of Forests (Bangalore Urban) inviting objections to the Bangalore Metro Airport Line impacting 256 trees in the	
16	RAMANATH S N info@jhatkaa.org 28 July 2021	Central Silk Board to K R Puram	The project area Outer Ring Road (ORR) is one of the most congested road section in the city with very high traffic volume, low vehicular
17	Saikat Mukherjee info@jhatkaa.org 28 July 2021	July for the Bangalore Metro Airport line. Such fragmentation of a project does not provide citizens with a	 speed and high pollution. Public Notice is issued for this work after lock down period. Even as per Karnataka Preservation Tree (KPT) act there is 10 days for inviting
18	Dhivya Mohan info@jhatkaa.org 28 July 2021	holistic view of what the project impacts are. There are currently 4 notices in the public domain for the Phase 2 A stretch for various segments and tree counts and different deadline for objection. How are the citizens	 public objections. The removal of the trees is necessary for construction of the

Remarks of Tree Officer to the objections received from the public in Central Silk Board to K R Puram, Phase 2A

Sl. No	Name & Date	Objection from Public	Remarks and findings of Tree Officer
19	DephanPinheiroinf o@jhatkaa.org 28 July 2021	expected to keep track of these notices, repeatedly venture out to survey the stretch once information is made available and then file their objections?	sustainable public transport system by way of metro system and bus bays / bus stands besides creation of additional road lanes.
20	Abhishek Gupta info@jhatkaa.org 28 July 2021	Please provide a single fresh Public Notice with a complete view of the impact on trees for the entire Airport line from Central Silk Board to BIAL and 30 days time for citizens to present their objections. Earlier this month more than 4500	BMRCL will be taking steps for translocation of trees, as feasible, and also for compensatory plantation in ration of 1:10 to mitigate adverse impact of the removal of trees from this location.
21	Sukeerth R info@jhatkaa.org 28 July 2021	people have already expressed their concern by sending objections on tree cutting for this line. Citizens have repeatedly mentioned that amidst the pandemic and with such a fragmented and confusing view, it is not possible to venture out and give constructive objections to a project.	 The positive impacts of metro will far outweigh the small adverse impact of removal of trees. Either these trees are going to fell or transplant is decided by Tree Expert Committee (TEC) after the field visit to site depending on their tree
22	Hemanth Kumar <info@jhatkaa.org 2021<="" 28="" july="" td=""><td>Therefore we demand: 1. Provide 30 days timeline for submission of objections on the Bangalore Metro Phase 2 A and 2 B Projects after issuing a single public notice with details of all the trees for the whole Namma Bangalore Metro Airport Line 2. Meanwhile do not approve cutting of these 3795 trees for Bangalore Metro Phase 2 A and 2 B Projects 3. Provide citizens with details on actions taken on the objections sent so far</td><td>health condition and type of species. • These trees are going to affect the Viaduct-pier activities in foundation portion.</td></info@jhatkaa.org>	Therefore we demand: 1. Provide 30 days timeline for submission of objections on the Bangalore Metro Phase 2 A and 2 B Projects after issuing a single public notice with details of all the trees for the whole Namma Bangalore Metro Airport Line 2. Meanwhile do not approve cutting of these 3795 trees for Bangalore Metro Phase 2 A and 2 B Projects 3. Provide citizens with details on actions taken on the objections sent so far	health condition and type of species. • These trees are going to affect the Viaduct-pier activities in foundation portion.
23	Nayan M nayan@jhatkaa.org 29 July 2021	Dear Deputy conservator of forests, In view of this, the public notice issued by the Deputy Conservator of Forests (Bangalore Urban) inviting objections to the Bangalore Metro Airport Line impacting 256 trees in the Central Silk Board to K R Puram section is not only incomplete view of the ecological impact but also a misplaced responsibility on the citizens. There are too many public notices released between 30th April to 26th July for the Bangalore Metro Airport line. Such fragmentation of a project does not provide citizens with a holistic view of what the project impacts are. There are currently 4 notices in the public domain for the Phase 2 A stretch for various segments	 The project area Outer Ring Road (ORR) is one of the most congested road section in the city with very high traffic volume, low vehicular speed and high pollution. Public Notice is issued for this work after lock down period. Even as per Karnataka Preservation Tree (KPT) act there is 10 days for inviting public objections. The removal of the trees is necessary for construction of the

Remarks of Tree Officer to the objections received from the public in Central Silk Board to K R Puram, Phase 2A

SI. No Name & Date	Objection from Public	Remarks and findings of Tree Officer
	and tree counts and different deadline for objection. How are the citizens expected to keep track of these notices, repeatedly venture out to survey the stretch once information is made available and then file their objections? Please provide a single fresh Public Notice with a complete view of the impact on trees for the entire Airport line from Central Silk Board to BIAL and 30 days time for citizens to present their objections. Earlier this month more than 4500 people have already expressed their concern by sending objections on tree cutting for this line. Citizens have repeatedly mentioned that amidst the pandemic and with such a fragmented and confusing view, it is not possible to venture out and give constructive objections to a project. Therefore we demand: 1. Provide 30 days timeline for submission of objections on the Bangalore Metro Phase 2 A and 2 B Projects after issuing a single public notice with details of all the trees for the whole Namma Bangalore Metro Airport Line 2. Meanwhile do not approve cutting of these 3795 trees for Bangalore Metro Phase 2 A and 2 B Projects 3. Provide citizens with details on actions taken on the objections sent so far. Annexure – 03	sustainable public transport system by way of metro system and bus bays / bus stands besides creation of additional road lanes. BMRCL will be taking steps for translocation of trees, as feasible, and also for compensatory plantation in ration of 1:10 to mitigate adverse impact of the removal of trees from this location. The positive impacts of metro will far outweigh the small adverse impact of removal of trees. Either these trees are going to fell or transplant is decided by Tree Expert Committee (TEC) after the field visit to site depending on their tree health condition and type of species. These trees are going to affect the Viaduct-pier activities in foundation portion.

Tree Officer

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Deputy Conservator of Forests, Bengaluru (Urban) Division.



ದೂರವಾಣಿ /ಫ್ಯಾಕ್ಸ್ - 080-23343464 Email ID - <u>dcfurban82@yahoo.co.in</u>

ಉಪ ಅರಣ್ಯ ಸಂರಕ್ಷಣಾಧಿಕಾರಿಯವರ ಕಛೇರಿ ಬೆಂಗಳೂರು ನಗರ ವಿಭಾಗ, ಅರಣ್ಯ ಭವನ ಸಂಕೀರ್ಣ. 18ನೇ ಅಡ್ಡ ರಸ್ತೆ, ಮಲ್ಲೇಶ್ವರಂ. ಬೆಂಗಳೂರು – 560 003

ಸಂಖ್ಯೆ: ಎ9/ಮರ ಕತ್ರಾವಣೆ-BMRCL/ಸಿ.ಆರ್-543/2020-21

ದಿನಾಂಕ: 3-07-2021.

ಸಾರ್ವಜನಿಕ ಪ್ರಕಟಣೆ

ಈ ಮೂಲಕ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಮತ್ತು ಸುತ್ತಮುತ್ತಲಿನ ಸಮಸ್ತ ನಾಗರಿಕರ ಗಮನಕ್ಕೆ ತರುವುದೇನೆಂದರೆ, ಒಟ್ಟು ದೂರ 19.633 ಕಿ.ಮೀ. ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ನಡೆಯುತ್ತಿರುವ ಮೆಟ್ರೋ ಕಾಮಗಾರಿಗಾಗಿ ಅಡ್ಡಬರುತ್ತಿರುವ ಮರಗಳ (ಸೆಂಟ್ರಲ್ ಸಿಲ್ಕ್ ಬೋರ್ಡ್ನಿಂದ ಕೆ.ಆರ್.ಮರಂ ವರೆಗೆ) ತೆರವಿಗಾಗಿ ಮೆಟ್ರೋ ರೈಲು ನಿಗಮ ನಿಯಮಿತ ಸಂಸ್ಥೆಯವರು ಮನವಿ ಸಲ್ಲಿಸಿದ್ದು ವಿವರಗಳು ಕೆಳಕಂಡಂತಿರುತ್ತವೆ.

ಯೋಜನೆಯ ಹೆಸರು.	Construction of elevated viaduct of length 19.633 Km from Central Silk Board (CSB) Junction to K.R Puram & upto Baiyappanahalli Depot and Thirteen Elevated Metro Stations including Road widening, Utility diversion& other allied works of Bangalore Metro Rail Project of Outer Ring Road (ORR) line Phase-2A						
ವಿಜೆನ್ಸಿಯ ಹೆಸರು	1	<mark>ೂರು ಮೆಟ್ರೋ ರೈ</mark> ಲ					
ಮರ ತೆರವುಗೊಳಿಸುವ ಉದ್ದೇಶ		್ಯ ರೈಲು ಕಾಮಗಾರಿ: .ಮರಂ ವರೆಗೆ)	1 ಅಡ್ಡ	ಬರುತ್ತಿರುವುದರಿಂದ (ಸೆಂ	ಟ್ರಲ್ ಸಿಲ್ಕ್ ಬೋರ್ಡ್ನಿಂದ		
ಯೋಜನೆಯು ಬರುತ್ತಿರುವ ಪ್ರದೇಶದ ಜಿ.ಪಿ.ಎಸ್. ರೀಡಿಂಗ್ಸ್,	SI No	Latitude (D M S)		Longitude (D M S)	Location		
	1 12 deg 54 min 58.13 sec 2 12 deg 54 min 58.98 sec 3 13 deg 00 min 00.29 sec 4 12 deg 59 min 59.62 sec			77 deg 37 min 04.11 sec	Area Starting from		
			05.94 sec 77 deg 37 min 05.94 sec		Central Silk Board (CSB) Junction		
					Area Ending at K.R Puram Metro		
*					Station		
ಯೋಜನಾ ಪ್ರದೇಶದಲ್ಲಿ ಪ್ರಸ್ತುತ ಇರುವ ಮರಗಳು	256	(Annexure-1)	ಮರಗಳ ವಿವರ, ಜಾತಿ, ಮರಗಳಿರುವ ಜಾಗ, ನಕಾಶೆಗಳ ವಿಷ ಅರಣ್ಯ ಬಿಬಿಎಂಪಿ ವೆಬ್ ಸೈಟ್ನಲ್ಲಿ ಮಾಹಿತಿಗಾಗಿ ಒದಗಿಸು			Ψ.	
ಯೋಜನಾ ಪ್ರದೇಶಲ್ಲಿ ತೆರವುಗೊಳಿಸಬೇಕಾದ ಮರಗಳು	256 (Annexure-1)			(www.bbmp.gov.in)			
ಆಕ್ಷೇಷಣೆಗಳನ್ನು ಸಲ್ಲಿಸುವ ವಿಧಾನ (ಸಾರ್ವಜನಿಕರು ನೇರವಾಗಿ/ಇ–ಮೇಲ್/ಅಂಚೆ	Total and the second se					್ಯ ಭವನ,	
ಮುಖಾಂತರ ಈ ಕೆಳಸಹಿದಾರರ ಕಛೇರಿಗೆ ಸಲ್ಲಿಸಬಹುದು)							
ಆಕ್ಷೇಷಣೆಗಳನ್ನು ಸಲ್ಲಿಸಬೇಕಾದ ಅವಧಿ	ಈ ಪ್ರಕಟಣೆ ಹೊರಡಿಸಿದ ದಿನಾಂಕದಿಂದ 10 ದಿನಗಳೊಳಗಾಗಿ. ಸೂಚನೆ: ಆಕ್ಷೇಪಣೆಗಳು ಪ್ರಸ್ತಾವಿತ ಯೋಜನೆಗೆ ಮಾತ್ರ ಸಂಬಂಧಿಸಿರಬೇಕು.						

ಮೇಲ್ಕಂಡ ಪ್ರದೇಶದಲ್ಲಿನ ಮರಗಳನ್ನು ತೆರವುಗೊಳಿಸುವ ಆಕ್ಷೇಪಣೆ/ಸಲಹೆಗಳಿದ್ದಲ್ಲಿ ಸಂಬಂಧ ಸಾರ್ವಜನಿಕರ ಕರ್ನಾಟಕ ವೃಕ್ಷ ಸಂರಕ್ಷಣಾ ಕಾಯಿದೆ 1976 ಸೆಕ್ಷನ್8(3)(vii) ಪ್ರಕಾರ ಸಲಹೆ-ಸೂಚನೆಗಳನ್ನು ನೀಡಲು ಆಹ್ವಾನಿಸಲಾಗಿದೆ.

ಉಪ ಅರಣ್ಯ ಸಂರಕ್ಷಣಾಧಿಕಾರಿ. 13/7/2021 ಬೆಂಗಳೂರು ನಗರ ವಿಭಾಗ, ಬೆಂಗಳೂರು.



ದೂರವಾಣಿ /ಫ್ಯಾಕ್ಸ್ – 080-23343464 Email ID – <u>dcfurban82@yahoo.co.in</u>

ಉಪ ಅರಣ್ಯ ಸಂರಕ್ಷಣಾಧಿಕಾರಿಯವರ ಕಛೇರಿ

ಬೆಂಗಳೂರು ನಗರ ವಿಭಾಗ, ಅರಣ್ಯ ಭವನ ಸಂಕೀರ್ಣ, 18ನೇ ಅಡ್ಡ ರಸ್ತೆ, ಮಲ್ಲೇಶ್ವರಂ, ಬೆಂಗಳೂರು - 560 003

Office of the Deputy Conservator of Forests

Bangalore Urban Division, Aranya Bhavan Compus. 18th cross, Malleshwaram, Bangaloe-560003

No:A9/ Tree cutting- Metro /CR-543/2020-21

Date: 13 -07-2021.

Public Notice

This is to bring to your notice of all citizens of Bengaluru that Bangalore Metro Rail Corporation Limited(BMRCL) had submitted the application to the under signed for removal of trees in Central Silk Board (CSB) Junction to K.R Puram & upto Baiyappanahalli Depot Outer Ring Road(ORR line Phase-2A). Details as given below:

Name of the project	Construction of elevated viaduct of length 19.633 Km from Central Silk Board (CSB) Junction to K.R Puram & upto Baiyappanahalli Depot and Thirteen Elevated Metro Stations including Road widening, Utility diversion other allied works of Bangalore Metro Rail Project of Outer Ring Road (ORR) line Phase-2A					
Name of the Agency	Bang	galore Metro Ra	ail Cor	poration Limited		
Purpose for removal of tree	Infringing Metro Construction works from Central Silk Boar (CSB) to KR Puram of ORR Phase-2A.					
Description of the area with clear demarcation of boundaries	Sl Latitude No (D M S)			Longitude (D M S)	Location	
or with GPS readings	ľ	12 deg 54 mi 58.13 sec		77 deg 37 min 04.11 sec	Area Starting from	
	2	12 deg 54 mi 58.98 sec		77 deg 37 min 05.94 sec	Central Silk Board (CSB) Junction	
	3	13 deg 00 mi 00.29 sec		77 deg 37 min 05.94 sec	Area Ending at K.R Puram Metro	
	4	12 deg 59 mi 59.62 sec		77 deg 40 min 39.38 sec	Station	
 Enumeration of trees Total no. of trees standing in the project area 		6 No's .nnexure-1)	Description of trees, Species, Location, Area Map etc are uploaded in the website of BBMP for information of all			
Total no. of trees proposed to be removed	(www.bbmp.gov.in) 256 No's (Annexure-1)					

Mode of communication of comments (public can send their comments either by E-mail / Post / Hand)	Address: The Deputy Conservator of Forests, Bengaluru Urban Division, Aranya Bhavan Annexe, 18 th , Cross, Malleshwaram, Bengaluru-560003. E-mail Id: dcfurban82@yahoo.co.in		
Deadline for filing objections	Ten (10) days from the date of publication of this notification *Comments should be relevant and specific to the project		

In this background suggestions /objection invited from all citizens in terms of section 8(3)(vii) of the Karnataka Preservation of Tree Act 1976.

Deputy Conservator of Forests, Bangalore Urban Division, Bangalore.



ಶರ್ನಾಬಕ ಅರಣ್ಯ ಇಲಾಟೆ

ಉಪ ಅರಣ್ಯ ಸಂದಕ್ಷಣಾಧಿಕಾರಿಯವರ ಕೆಟೇರಿ. ಬೆಂಗಳೂರು ನಗರ ವಿಧಾಗ. ಅರಣ್ಯ ಥವನ ಸಂಕರ್ಣ, 18ನೇ ಅಜ್ಜ ರಸ್ತಿ ಮಲ್ಲೇಶದಂ, ಬೆಂಗಳೂರು − 560003 ದೂರವಾಣಿ ∉ಫ್ಯಾಕ್ಸ್ − 080−23343464. Email ID -defurban82@yahoo.co.in

ಸಂಖ್ಯೆ: ಎ9/ಮರ ಕತ್ರಾವಣೆ- BMRCL/ಸಿ.ಆರ್-543/2020-21

ದಿನಾಂಕ:13-07-2021

ಸಾರ್ವಜನಿಕ ಪ್ರಕಟಣೆ

ಈ ಮೂಲಕ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಮತ್ತು ಸುತ್ತಮುತ್ತಲಿನ ಸಮಸ್ತ ನಾಗರಿಕರ ಗಮನಕ್ಕೆ ತರುವುದೇನೆಂದರೆ, ಒಟ್ಟು ದೂರ 19.633 ಕಿ.ಮೀ. ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ನಡೆಯುತ್ತಿರುವ ಮೆಟ್ರೋ ಕಾಮಗಾರಿಗಾಗಿ ಅಡ್ಡಬರುತ್ತಿರುವ ಮೆರಗಳ (ಸೆಂಟ್ರಲ್ ಸಿಲ್ಫ್ ಬೋರ್ಡ್ ನಿಂದ ಕೆ.ಆರ್.ಮರಂ ವರೆಗೆ) ತೆರವಿಗಾಗಿ ಮೆಟ್ರೋ ರೈಲು ನಿಗಮ ನಿಯಮಿತ ಸಂಸ್ಥೆಯವರು ಮನವಿ ಸಲಿಸಿದ್ದು ವಿವರಗಳು ಕೆಳಕಂಡಂತಿರುತ್ತವೆ.

ಯೋಜನೆಯ ಹೆಸರು.	Construction of elevated viaduct of length 19.633 Km from Central Silk Board (CSB) Junction to K.R Puram & upto Baiyappanahalli Depot and Thirteen Elevated Metro Stations including Road widening. Utility diversion & other allied works of Bangalore Metro Rail Project of Outer Ring Road (ORR) line Phase-2A					
ಏಜೆನ್ನಿಯ ಹೆಸರು	ಬೆಂಗಳೂರು ಮೆಟ್ರೋ ರೈಲು ನಿಗಮ ನಿಯಮಿತ					
ಮರ ತೆರವುಗೊಳಿಸುವ ಉದ್ದೇಶ	ಮೆಟ್ರೋ ರೈಲು ಕಾಮಗಾರಿಗೆ ಆಡ್ಡಬರುತ್ತಿರುವುದರಿಂದ (ಸೆಂಟ್ರಲ್ ಸಿಲ್ಕ್ ಜೋರ್ಡ್ ನಿಂದ ಕೆ.ಆರ್ ಮರಂ ವರೆಗೆ)					
ಯೋಜನೆಯು ಬುತ್ತಿರುವ ಪ್ರದೇಶದ ಜಿ.ಪಿ.ಎಸ್. ರೀಡಿಂಗ್ಸ್.	SI	Latitude (D M S)	Longitude (D M S)	Location		
	1	12 deg 54 Min 58.13 sec	77 deg 37 min 04.11 sec	Area Starting from Central Silk		
	2	12 deg 54 Min 58.98 sec	77 deg 37 min 05.94 sec	Board (CSB) Junction		
	3	13 deg 00 Min 00.29 sec	77 deg 37 min 05.94 sec	K.R Puram Metro		
	4	12 deg 59 Min 59.62 sec	77 deg 40 min 39.38 sec	Station		
ಯೋಜನಾ ಪ್ರದೇಶದಲ್ಲಿ ಪ್ರಸ್ತುತ ಇರುವ ಮರಗಳು	256 (Annexure-1)		ಮರಗಳ ವಿವರ, ಜಾತಿ, ಮರಗಳರುವ ಜಾಗ, ನಕಾಶೆಗಳ ವಿವ <mark>ರಗಳನ್ನು</mark> ಅರಣ್ಯ ಬಿಬಿಎಂಪಿ ವೆಬ್ ಸೈಟ್ ನಲ್ಲಿ ಮಾಹಿತಿಗಾಗಿ ಒದಗಿಸಲಾಗಿದೆ. (www.bbmp.gov.in)			
ಯೋಜನಾ ಪ್ರದೇಶದಲ್ಲಿ ತೆರವು ಗೊಳಸಬೇಕಾದ ಮರಗಳು	256 (Annexure-1)					
ಆಕ್ಷೇಪಣೆಗಳನ್ನು ಸಲ್ಲಿಸುವ ವಿಧಾನ (ಸಾರ್ವಜನಿಕರು ನೇರವಾಗಿ/ಇ– ಮೇಲ್/ಅಂಚೆ ಮುಖಾಂತರ ಈ ಕೆಳಸಹಿದಾರರ ಕಛೇರಿಗೆ ಸಲ್ಲಿಸಬಹುದು)	ಇ–ಮೇಲ್ ವಿಳಾಸ – dcfurban82@yahoo.co.in					
ಆಕ್ಷೇಪಣೆಗಳನ್ನು ಸಲ್ಲಿಸಬೇಕಾದ ಅವಧಿ	ಸೂಚ	ಈ ಪ್ರಕಟಣೆ ಹೊರಡಿಸಿದ ದಿನಾಂಕದಿಂದ 10 ದಿನಗಳೊಳಗಾಗಿ. ಸೂಚನೆ: ಆಕ್ಷೇಪಣೆಗಳು ಪ್ರಸ್ತಾವಿತ ಯೋಜನೆಗೆ ಮಾತ್ರ ಸಂಬಂಧಿಸಿರಬೇಕು.				
ಮೇಲ್ನಂಡ ಪ್ರದೇಶದಲ್ಲಿನ ಮರಗಳನ್ನು	ತೆರವು	ಗೊಳಿಸುವ ಸಂಬಂಧ	ಸಾರ್ವಜನಿಕರ ಆಕ್ಷೇಪಣ	/ಸಲಹೆಗಳದ್ದಲ್ಲಿ ಕರ್ನಾಟಕ		

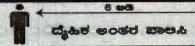
ಮೇಲ್ಕಂಡ ಪ್ರದೇಶದಲ್ಲಿನ ಮರಗಳನ್ನು ತೆರವುಗೊಳಿಸುವ ಸಂಬಂಧ ಸಾರ್ವಜನಿಕರ ಆಕ್ಷೇಪಣೆ/ಸಲಹೆಗಳಿದ್ದಲ್ಲಿ ಕರ್ನಾಟಕ ವ್ಯಕ್ಷ ಸಂರಕ್ಷಣಾ ಕಾಯಿದೆ 1976 ಸೆಕ್ಷನ್ 8(3)(vii) ಪ್ರಕಾರ ಸಲಹೆ–ಸೂಚನೆಗಳನ್ನು ನೀಡಲು ಆಹ್ವಾನಿಸಲಾಗಿದೆ. ಸಹಿ/-

> ಉಪ ಅರಣ್ಣ ಸಂರಕ್ಷಣಾಧಿಕಾರಿ. ಬೆಂಗಳೂರು ನಗರ ವಿಭಾಗ, ಬೆಂಗಳೂರು

ಕೋದಿಡ್ 19. ಇತಂಕ ಬೇಡ; ಮುನ್ನೆಚ್ಚರಿಕೆ ಇರಲ



ವಾಸಾಸಂಇ,ಜಿಂನ,829,ಅಲಕ'ನಂದ,/2021-22





ಕೈಗಳ ಸ್ಪಜ್ಜೆತ ಕಾಪಾಡಿಕೊಳ್ಳ



KARNATAKA FOREST DEPARTMENT

Office of the Deputy Conservator of Forests, Bengaluru Urban Division, Aranya Bhavan Campus, 18th cross, Malleshwaram, Bengaluru-560003 Tel/Fax: 080-23343464 Email ID -defurban82@yahoo.co.in

No:A9/Tree cutting- Metro /CR-543/2020-21

Date:13-07-2021

Public Notice

This is to bring to your notice of all citizens of Bengaluru that Bangalore Metro Rail Corporation Limited(BMRCL) had submitted the application to the under signed for removal of trees in Central Silk Board (CSB) Junction to K.R Puram & upto Baiyappanahalli Depot Outer Ring Road(ORR line Phase-2A). Details as given below:

Name of the project	Construction of elevated viaduct of length 19.633 Km from Central Silk Board (CSB) Junction to K.R Puram & upto Baiyappanahalli Depot and Thirteen Elevated Metro Stations including Road widening. Utility diversion & other allied works of Bangalore Metro Rail Project of Outer Ring Road (ORR) line Phase-2A					
Name of the Agency	Bangalore Metro Rail Corporation Limited					
Purpose for removal of tree	Infringing Metro Construction works from Central Silk Board (CSB) to KR Puram of ORR Phase-2A.					
Description of the area with clear demarcation of boundaries or with GPS readings	SI No	Latitude (D M S)	Longitude (D M S)	Location		
	1	12 deg 54 Min 58.13 sec	77 deg 37 min 04.11 sec	Area Starting from Central Silk Board (CSB) Junction		
	2	12 deg 54 Min 58.98 sec	77 deg 37 min 05.94 sec			
	3	13 deg 00 Min 00.29 sec	77 deg 37 min 05.94 sec	Area Ending at K.R Puram Metro Station		
	4	12 deg 59 Min 59.62 sec	77 deg 40 min 39.38 sec			
Total no. of trees standing in the project area	256 No's (Annexure-1)		Description of trees. Species. Location, Area Map etc are uploaded in the website of BBMP for information of all (www.			
Total no. of trees proposed to be removed	256 No's (Annexure-1)		bbmp.gov.in)			
Mode of communication of comments (public can send their comments either by E-mail / Post/Hand)	Address: The Deputy Conservator of Forests, Bengaluru Urban Division, Aranya Bhavan Annexe, 18th, Cross, Malleshwaram, Bengaluru-560003. E-mail ld: dcfurban82@yahoo.co.in					
Deadline for filing objections		Ten (10) days from the date of publication of this notification *Comments should be relevant and specific to the project				
In this background suggestion						

In this background suggestions /objection invited from all citizens in terms of section 8(3)(vii) of the Kamataka Preservation of Tree Act 1976.

SD/-

DIPR/DDU/829/ALAKNANDA/2021-22

Deputy Conservator of forests, Bengaluru Urban Division, Bengaluru

COVID-19, DO NOT PANIC, BE AWARE





Wear Mask



Follow Physical Distancing





Maintain Hand Hygiene