



BRUHAT BANGALORE MAHANAGARA PALIKE

No. DCF / BBMP/PR -1923/ 2020-21

**Deputy Conservator Forests
Bruhat Bangalore Mahanagara Palike
N.R. Square Annex Building-3
Bengaluru,**

Date: 23.03.2021

Official Memorandum

Subject: Permission regarding translocation and felling of trees falling between South Ramp (Jayanagar Fire Station) to North Ramp (Nagawara) on Reach 6 UG, BMRCL.

Reference:

1. Hon'ble High Court Order dated: 18.11.2020 in WP 17841/2018
2. Letter No. BMRCL/0163/P-2/CE-UG/RT-01/BBMP/2020/7701 Date 25.11.2020
3. Public Notice Vide No. DCF/PR-27/2020-21 dated: 26.11.2020
4. Report of Tree Expert Committee dated: 22.03.2021

Preamble: -

The BMRCL submitted a fresh application read at ref (2) above seeking permission for removal of 212 trees falling in between South Ramp (Jayanagar Fire Station) to North Ramp (Nagawara) for a length of 13.89 Kms. (except Langford Station and All Saints Church) in Reach-6 UG of Bangalore Metro Project, as per the directions issued by the Hon'ble High Court of Karnataka vide Order dated: 18.11.2020 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 to be felled under the project at all locations are more than 50. The public notice was published in Kannada Prabha (Kannada) and Times of India (English) Newspapers on 27.11.2020. The details of the 212 trees sought to be removed by BMRCL and that of 64 other trees standing in the project area were also published on the website of BBMP, as per the MOP.

In response to the public notice, 61 number of objections and comments were received from the general public. In the light of the objections, a discussion was held with BMRCL officials to ascertain the nature of the project activities at this location and to confirm the necessity of removal of trees. All the objections were considered carefully, and 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 were prepared on 07.12.2020, besides recording summary of the findings in Template No. 3 of the MOP.

As per BMRCL's application, there are 276 trees in the project area out of which 212 trees are sought to be removed. Detailed enumeration of each of those 212 trees in terms of location, physical parameters, health and defects, etc. was prepared by 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 212 trees on 07.12.2020 & 23.02.2021 and recorded in Part-II of Template No. 2. As per the preliminary assessment, 49 trees can be translocated, while other 158 have to be felled as their translocation is not feasible due tree defects or physical site locations.

The proceedings regarding consideration of the objections, tabular statement of the findings along with summary of the findings, detailed enumeration and preliminary assessment of trees along with justification for each of the 212 trees, and information in Template No. 2 and 3 were submitted vide letter dated 24.02.2021 for consideration by the TEC.

The TEC has submitted a detailed report dated 22.03.2021 giving their recommendations for onsite retention of 05 trees, 58 trees for translocation and felling of 149 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 and findings of the undersigned, (ii) review of preliminary assessment of trees by the undersigned, (iii) their field inspection, and (iv) post inspection review and report preparation.

The TEC has concluded that 05 trees can be retained at site as 05 of them will not hinder the project activities and can be retained with pruning of some of its branches into which the metro will intrude.

The TEC has also concluded that removal of 207 trees has become necessary due to following 06 major physical features of the project at the tree locations.

Physical features	Tree Nos.
Trees Coming in diversion road.	Dairy Circle- 1,2,3,4,5,6,7,8,9,10,11,12,14A&B, 15,16,18,19,20, 21,43,44,45,46 (Total 23 Nos.) Lakkasandra- 25,31,32,33,34,53 (Total 06 Nos.) Venkateshapura station – 06. (Total 1 Nos.) Nagavara- 10,40,61,62,63,64,65,66- (Total 8 Nos.)
Trees Coming in Metro Station box, Entry /Exit Area.	Dairy Circle- 35,36,37,38- (Total 04 Nos.) Lakkasandra- 22,23A&B,24,26,27,28,29, 47,48,49,50,51,52,30- (Total 14 Nos.) M G Road- 73,74,75,76 ,77 – (Total 05 Nos.) Cantonment station- 4,5,6,7- (Total 04 Nos.)

	Tannery road station- 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18, 19,20,21,22,23,24,25,26,27,28,29,30,31A&B, 32,33,34A&B,35A&B,36,37,38,39,40,41,42, 43,44A&B,45,46. (Total 46 Nos.) Venkateshapura station- 03 (Total 01 No) Nagavara station – 18,19,20,21,22,23,24,25,26,27,28,29,30,31,32, 33,34,35,36,37,38,39,49,50,51,52,53,54,55,56, 57,58,59. (Total 33 Nos.)
Trees Coming in Secant Pile Location.	Dairy Circle -13, 17,42 - (Total 03 Nos.) M G Road -78,79,80,81 - (Total 04 Nos.) Cantonment station – 1,2,3 –(Total 03 Nos.) Venkateshapura station – 1,2 – (Total 02 Nos.) K G Halli Station – 1,2,3,4 – (Total 04 Nos.) Nagavara station – 41,42,43,44,45,46A,B&C,68,69,70,71A,&B,72,73. (Total 12 Nos.)
Trees coming in casting / fabrication yard.	ITI College Ground Total – 8, 9 & 10 – (Total 03 Nos.)
Trees coming in project activity area (movement of TBM machine)	Cantonment station – 8,9,10,11 – (Total 04 Nos.) Pottery Town station – 1,2,3 – (Total 03 Nos.) Nagavara station – 74,75,76,77,78-78A,79,80-80A,81 – (Total 08 Nos.)
Trees coming in project activity area (Ramp retaining wall and cut and cover tunnel)	Nagavara station – 1,2,3-3A,4,5,6,7,8,9,11,12,13,14,15,16,17 – (Total 16 Nos.)

The TEC has further concluded that 58 trees out of these 212 trees are healthy and suitable for translocation. The TEC has accordingly recommended translocation of those 58 trees to save them. Based on the inspection and soil test reports at the proposed receptor sites, the TEC has confirmed suitability of those sites for translocation.

The TEC has concluded that 149 trees out of these 212 trees are not suitable for translocation as they have major defects or extraction of root balls of adequate size is not practical. The TEC has accordingly recommended felling of those 149 trees.

The TEC has observed that 5 other trees in the project area can be retained at their locations as they are not hindering the project activities.

The report of the TEC has been examined. The TEC has provided detailed specific justification for removal of each of 212 trees, besides giving justification for translocation or

felling of the trees in Part 3 of the Template 2 as well as in appendix to its report. The undersigned concurs with the justification and recommendations of the TEC.

The final assessment of the undersigned has been recorded in Part-IV of Template No. 2. Translocation of 58 trees and felling of 149 trees are essential for implementation of the metro project, which seeks to build a public transport system. The adverse impact of the felling will have to be mitigated by directing BMRCL to take up compensatory plantation in adequate numbers.

Hence, the following order.

Order

1. Based on the consideration detailed above, permission is granted for removal of 58 trees by the way of translocation as listed with justifications in Template No.5 appended to this Official Memorandum as Appendix 1.
2. Permission is hereby also granted for removal of 149 trees by the way of felling as listed with justification in Template No. 6 appended to this Official Memorandum as Appendix 2.
3. The other 5 trees in the Project area which are not affecting the project activities should be retained on site only.
4. This order will come into effect after 15 (Fifteen) days from the date of uploading of the order on the website of BBMP and serving of this order by email to the petitioner in WP17841/2018.
5. The order is subject to following directions to BMRCL.
 - A. Translocation of Trees:
 - i. The translocation should be carried out only at following locations
 - 1) KMF, Bengaluru and NDRI, Bengaluru
 - 2) Parade Ground, MG Road
 - 3) Old Military Dairy Farm, Bellary Road, Hebbal, Bengaluru
 - ii. The Translocation should be organized by competent agencies, as mentioned in Template 5.
 - iii. The translocation should follow the methodology suggested by UAS, GKVK
 - B. Compensatory Plantation:
 - i. BMRCL has to take up Compensatory plantation by planting of 2070 tall and healthy saplings, i.e. @ 10 saplings for each tree felled within 6 months from the date of the removal.
 - ii. Submit a plan for the Compensatory plantation within 2 months from the date of this order.
 - C. Care and Maintenance of Translocated Trees and Compensatory Plantation and their Reporting:
 - i. BMRCL should ensure proper and effective care and maintenance of these translocated trees and compensatory plantation for a period of 3 years.

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

D. Storage and Disposal of Felled Trees:

- i. On felling of 149 trees, the extracted wood should be deposited with the Forest Wing of BBMP for disposal.



**Tree Officer
& Deputy Conservator of Forests
Bruhat Bangalore Mahanagara Palike
Bengaluru.**

Copy to:

1. The Managing Director, BMRCL, 3rd Floor, BMTC Complex, Shanthinagara, Bengaluru – 560027
2. The Member-Secretary, Tree Expert Committee (TEC), Bengaluru
3. Sri Dattatreya T Devare, A-102 Natasha Golf View Apartments, Domlur Bengaluru – 560071, Petitioner in WP 17841/2018
4. Bangalore Environment Trust, 10, Sirur Park B Street Seshadripuram Bengaluru – 560020, Petitioner in WP 17841/2018
5. The Chief Conservator of Forests, Bengaluru Circle & Chairman, Tree Authority
6. The Deputy Conservator of Forests, Urban Division, Bengaluru
7. The Chief Engineer & Chief Technical Expert (SEMU), BMRCL
8. The Environment Officer, BMRCL.
9. The Chief Engineer – Reach 6- UG, BMRCL
10. The Range Forest Officer, South Zone
11. The Range Forest Officer, East Zone



**Tree Officer
& Deputy Conservator of Forests
Bruhat Bangalore Mahanagara Palike
Bengaluru.**

PARTICULARS ON TRANSPLANTATION / TRANSLOCATION 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 Ltd.
Purpose of the project	Construction of Underground Metro Tunnel and Stations between South Ramp (Jayanagar Fire Station) to Nagawara, Reach 6 (UG).
Extent of the project area	13.89 Km
Location of the project area	South Ramp (Jayanagar Fire Station) to Nagawara
Number of tree(s) enumerated in the project area	276
Number of tree(s) recommended for transplantation / translocation	58
Feasibility of the tree for transplantation / translocation <i>(as per Template No. 2 – Tree Assessment Form)</i>	All trees are feasible for translocation/transplantation
Name of the agency identified to execute transplantation / translocation	Asian Landscape
Transplantation / Translocation methodology	As per Guidelines for tree transplanting
Location of receptor site	<ol style="list-style-type: none"> Bangalore Co-operative Union Ltd. Premises (KMF, Bengaluru). Lat : 12°56'20.50" N Long :77°36'26.10" E National Dairy Research Institute, Bengaluru Lat : 12°56'44.00" N Long : 77°36'46.00" E Parade Ground, M G Road. Bengaluru Lat : 12°58'37.00" N Long :77°36'29.60" E Old Military Dairy Farm, Hebbal Lat : 13°05'33.81" N Long :77°58'63.97" E
Compatibility of receptor site	Soil is suitable for Transplantation
Number of trees to be transplanted / translocated to the selected receptor site	58

Spacing between transplanted / translocated trees	8 Mtr to 10 Mtr
Post care management	3 years

* Note:

1. List of the trees to be translocated 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.
2. *The Project Authorities / User agency should strictly adopt the Transplantation / Translocation guidelines prescribed by UAS (B), GKVK, enclosed as Annexure 1 to the MOP.*


 TREE OFFICER
 &
 DEPUTY CONSERVATOR OF FORESTS
 BRUHAT BANGALORE MAHANAGARA PALIKE
 BENGALURU.

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 Ltd.
Purpose of the project	Construction of Underground Metro Tunnel and Stations between South Ramp (Jayanagar Fire Station) to Nagawara, Reach 6 (UG).
Extent of the project area	13.89 Km
Location of the project area	South Ramp (Jayanagar Fire Station) to Nagawara,
Number of tree(s) enumerated in the project area	276
Number of tree(s) recommended for felling	149

* 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
BRUHAT BANGALORE MANDAL NAGARA PALIKE
 BENGALURU.

TREE OFFICER

DEPUTY COMPTROLLER
INVESTIGATIVE
BRANCH

Appendix

Recommendations and justification for Translocation and Felling by Tree Officer, BBMP

Case / Application No.: BMRCL/0163/P-2/CE-UG/RT-01/BBMP/2020/7701 Date.25.11.2020

Project Area: South Ramp (Jayanagar Fire Station) to North Ramp (Nagawara) for a length of 13.89 Kms. (except Langford Station and All Saints Church)

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
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List of trees recommended for Transplantation

Dairy Circle								
1	1	Jamun	12°56'23.025"N/ 77°36'7.285"E	1.80	9.00	5.00	Transplantation	Tree is present in the center of the project area. Tree has healthy Canopy and with proper care should be taken during the Transplantation / translocation process. Hence Tree is recommended for Translocation
2	4	Neem	12°56'23.527"N/ 77°36'7.448"E	0.37	4.00	2.00	Transplantation	Tree is with minor defects and present in the center of the project area. The tree being an indigenous species with likelihood of potential to adapt to local conditions, Hence recommended for translocation

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
3	5	Neem	12°56'23.662"N/ 77°36'7.449"E	0.75	6.00	4.00	Transplantation	Tree is with minor defects and present in the center of the project area. The tree being an indigenous species with likelihood of potential to adapt to local conditions, Hence recommended for translocation.
4	7	Neem	12°56'24.484"N/ 77°36'7.676"E	0.90	6.00	5.00	Transplantation	Tree is present in the center of the project area. The tree being an indigenous species with likelihood of potential to adapt to local conditions, Hence Recommended for Transplantation / translocation.
5	9	Jamun	12°56'25.079"N/ 77°36'7.795"E	2.00	12.00	4.00	Transplantation	Tree is present in the center of the project area. Appropriate care should be taken during preparation of root ball and shifting of the tree. Hence Recommended for Transplantation / translocation
6	10	Jamun	12°56'26.630"N/ 77°36'8.176"E	0.90	8.00	3.00	Transplantation	Tree is present in the center of the project area. Appropriate care should be taken during preparation of root ball and shifting of the tree. Hence Recommended for Transplantation / translocation

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
11							Transplantation	visual symptoms. Tree recommended for Transplantation by taking appropriate root ball. Hence Recommended for Transplantation / translocation
12	36	Peepal	12°56'25.764"N/ 77°36'9.006"E	1.65	7.00	4.00	Transplantation	Tree is present in the center of the project area. Tree is having clear bole with minor visual symptoms. Tree recommended for Transplantation by taking appropriate root ball. Hence Recommended for Transplantation / translocation
13	37	Jamun	12°56'24.516"N/ 77°36'8.711"E	1.20	7.50	4.00	Transplantation	Tree is present in the center of the project area. Tree is having clear bole with minor visual symptoms. Tree recommended for Transplantation by taking appropriate root ball. Hence Recommended for Transplantation / translocation
14	Unnumbered	Banni mara	12°56'26.823"N/ 77°36'9.662"E	1.30	7.00	0.0	Transplantation	Tree was already Transplantation near the boundary of the project where tree was earlier exist.
Lakkasandra								
15	22	Rain Tree	12°56'55.035"N/ 77°36'9.730"E	2.10	9.00	8.00	Transplantation	Tree is present in the center of the project area. Tree is having clear bole with minor visual symptoms. Tree recommended for Transplantation by taking appropriate root ball. Hence Recommended for

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
7	11	Mango	12°56'23.025"N/ 77°36'8.616"E	0.60	4.00	1.00	Transplantation	Tree is present in the center of the project area. The tree is young and healthy .Appropriate care should be taken during preparation of root ball and shifting of the tree.Hence Recommended for Transplantation / translocation
8	18	Mango	12°56'26.630"N/ 77°36'8.176"E	0.85	6.00	3.00	Transplantation	Tree is present in the center of the project area. The tree is young and healthy .Appropriate care should be taken during preparation of root ball and shifting of the tree.Hence Recommended for Transplantation / translocation
9	19	Honge	12°56'26.824"N/ 77°36'8.084"E	1.15	6.00	7.00	Transplantation	Tree is present in the center of the project area. With appropriate care tree can be translocated .Hence Recommended for Transplantation / translocation
10	21	Neem	12°56'27.470"N/ 77°36'8.236"E	0.90	4.50	3.00	Transplantation	Tree is present in the center of the project area. The tree is young and healthy .Appropriate care should be taken during preparation of root ball and shifting of the tree.Hence Recommended for Transplantation / translocation
	35	Peepal	12°56'25.810"N/ 77°36'9.235"E	1.50	7.00	3.00		Tree is present in the center of the project area. Tree is having clear bole with minor

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								Transplantation / translocation.
16	23A	Spathodea	12°56'58.404"N/ 77°36'10.557"E	0.90	10.00	2.00	Transplantation	Tree is Young having forked branches and one branch is leaned .By pruning the leaned branch of the tree.recommended for Transplantation/translocation
	23B	Spathodea	12°56'58.404"N/ 77°36'10.557"E	1.00	6.00	2.00		
17	24	Banyan tree	12°57'0.073"N/ 77°36'11.551"E	0.85	5.00	4.00	Transplantation	Young tree, there are no significant visual symptoms, hence fit for Transplantation/translocation.
18	25	Peepal	12°57'0.387"N/ 77°36'12.509"E	4.50	12.00	15.00	Transplantation	Tree is present in the center of the project area. Tree is having clear bole with minor visual symptoms. Tree recommended for Transplantation by taking appropriate root ball. Hence Recommended for Transplantation / translocation
19	26	Jamun	12°56'58.133"N/ 77°36'11.547"E	1.40	6.00	4.00	Transplantation	Tree is with minor defects and present in the center of the project area. The tree being an indigenous species with likelihood of potential to adapt to local conditions, hence recommended for translocation.
20	28	Fig	12°56'55.752"N/ 77°36'11.048"E	3.20	8.00	8.00	Transplantation	Tree is with minor defects and present in the center of the project area. The tree being an indigenous species with likelihood of potential to adapt to local conditions, hence recommended for translocation.

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
21	31	Mango tree	12°56'54.215"N/ 77°36'10.402"E	0.85	5.00	1.00	Transplantation	Tree is Young and healthy .Tree recommended for Transplantation by taking appropriate root ball.. recommended for Transplantation/translocation
22	33	Peepal	12°56'53.643"N/ 77°36'9.882"E	2.50	10.00	7.00	Transplantation	Tree has forked branches and recommended for Transplantation/translocation by pruning smaller branches.
M G Road								
23	74	Honge	12°58'39.302N / 77°36'32.378" E	1.30	12.00	8.00	Transplantation	Tree is present in the middle of pedestrian path within the project ,however care should be taken during translocation / Transplantation process (excavation of root ball, transport and planting etc), recommended for Transplantation
24	77	Sampige	12°58'38.103"N/ 77°36'32.033" E	0.90	6.00	0.0	Transplantation	Tree is present within the project area (construction of entry to underground metro station).The tree was found healthy and good hence recommended for Transplantation
25	78	Mahagani	12°58'37.912"N/ 77°36'32.386" E	1.40	12.00	6.00	Transplantation	Tree is present in the middle of pedestrian path within the project ,however care should be taken during translocation / Transplantation process (excavation of root

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								ball, transport and planting etc), recommended for Transplantation
26	79	Mahagani	12°58'37.617"N/ 77°36'30.449" E	1.00	10.00	7.00	Transplantation	Tree is present within the project area at North West. This tree is young and located near to pedestrian path on one side, so care should be taken while excavation of root ball activities. recommended for Transplantation
27	80	Mahagani	12°58'37.711"N/ 77°36'30.182" E	1.60	14.00	5.00	Transplantation	Tree is present within the project area at North West Entry (Parade Ground Foot) . Tree has forked branches at a height of near 1.5 meters from the base and one branch was bent towards the existing road. So care should be taken to prune the bent branch of the tree while translocation. however, the tree fit for Transplantation/translocation. recommended for Transplantation
28	81	Basavanapada	12°58'37.948"N/ 77°36'30.181" E	0.55	4.00	1.00	Transplantation	Tree is present within the project area at North West Entry (Parade Ground Foot) The tree was severely pruned and it is located in the existing temporary entry point to the site and tree is having some mechanical damages, however, the tree fit for

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								Transplantation.recommended for Transplantation
Cantonment station								
29	3	Sampige tree	12°59'33.816"N/ 77°36'23.171"E	0.9	10	4.0	Transplantation	The tree is present within the project activity area proposed for movement of gantry used for shifting heavy and large segments for underground tunnel construction; therefore the tree cannot be retained The tree is recommended for Transplantation
Tannery road station								
30	4	champak Sampige	13°0'36.779"N /77°36'52.419"E	0.70m	10m	2m	Transplantation	Tree is present in construction of station box with entry and exit; therefore the tree cannot be retained The health of the tree qualifies the tree for translocation The tree is recommended for Translocation / Transplantation
31	9	Jack fruite	13°0'36.647"N /77°36'52.65"E	1.1m	12m	4m	Transplantation	Tree is present in construction of station box with entry and exit; therefore the tree

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								cannot be retained The tree is healthy without any major defects or symptoms, therefore the tree qualifies for translocation. The tree is recommended for Translocation / Transplantation
32	12	Mango	13°0'36.484"N /77°36'52.648"E	0.65m	08m	3m	Transplantation	Tree is present in construction of station box with entry and exit; therefore the tree cannot be retained The health of the tree qualifies the tree for translocation The tree is recommended for Translocation / Transplantation
33	19	Mango	13°0'35.965"N /77°36'52.51"E	1.20m	10m	5m	Transplantation	Tree is present in construction of station box with entry and exit; therefore the tree cannot be retained The health of the tree qualifies the tree for translocation The tree is recommended for Translocation / Transplantation
34	27	Ashoka	13°0'36.166"N /77°36'51.915"E	0.85m	10m	2m	Transplantation	Tree is present in construction of station box with entry and exit; therefore the tree cannot be retained The tree is young, in addition the suitable

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								site conditions qualify the tree for translocation The tree is recommended for Translocation / Transplantation
35	43	Honge	13°0'36.101"N /77°36'51.882"E	0.45m	5m	0	Transplantation	Tree is present in construction of station box with entry and exit; therefore the tree cannot be retained The tree is young, in addition the suitable site conditions qualify the tree for translocation. The tree is recommended for Translocation / Transplantation
36	46	Arali Tree	13°0'35.451"N /77°36'51.875"E	1.25m	11m	4m	Transplantation	Tree is present in the construction of station box with entry and exit; therefore the tree cannot be retained The health) and site conditions of the tree qualifies the tree for translocation The tree is recommended for Translocation / Transplantation
CC-1, Nagawara Station, CC-2 & Ramp								
37	2	Honge	13°2'41.561"N/ 77°37'38.213"E	0.28m	2.85m	4.7m	Transplantation	Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. Tree is young and healthy.

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								Hence, recommended for translocation.
38	4	Aralimara	13°2'41.336"N/ 77°37'38.045"E	0.75m	5.0m	2.9m	Transplantation	Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. Tree is young and healthy. Hence, recommended for translocation.
39	12	Honge	13°2'38.594"N/ 77°37'35.827"E	0.7m	3.8m	10m	Transplantation	Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. Tree is young and healthy. Hence, recommended for translocation.
40	14	Honge	13°2'38.827"N/ 77°37'35.299"E	0.8m	4.0m	6.2m	Transplantation	Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. Tree is young and healthy. Hence, recommended for translocation.
41	22	Mango	13°2'30.22"N/ 77°37'30.895"E	0.5m	2.5m	3.3m	Transplantation	Tree is located in the project area and causes hindrance to construction Concourse area of station Tree is young and healthy. Hence, recommended for Translocation.
42	29	Mango	13°2'29.763"N/ 77°37'31.09"E	0.45m	4.0m	4.3m	Transplantation	Tree is hindrance to construction Concourse area of station. Tree is young and healthy. Appropriate root ball of earth can be excavated. Hence recommended

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								for Translocation.
43	30	Mango	13°2'29.796"N/ 77°37'31.024"E	0.35m	4.2m	1.7m	Transplantation	Tree is hindrance to construction Concourse area of station. Tree is young and healthy. Appropriate root ball of earth can be excavated. Hence recommended for Translocation.
44	33	Mango	13°2'29.864"N/ 77°37'30.792"E	0.75m	4.0m	5.8m	Transplantation	Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. Tree is young and healthy. Hence, recommended for translocation.
45	36	Nerale	13°2'29.703"N/ 77°37'30.625"E	0.75m	4.0m	3.3m	Transplantation	Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. Tree is young and healthy. Hence, recommended for translocation.
46	38	Jack fruit	13°2'29.668"N/ 77°37'30.823"E	0.85m	4.5m	4.4m	Transplantation	Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. Tree is young and healthy. Hence, recommended for translocation.
47	39	Badami	13°2'29.504"N/ 77°37'30.954"E	0.85m	4.0m	5.7m	Transplantation	Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. Tree is young and healthy. Hence, recommended for translocation.

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
48	43	Honge	13°2'28.885"N/ 77°37'31.113"E	0.6m	4m	4m	Transplantation	Tree is located within the project areas and it causes hindrance to installation of Gantry Crane. Tree is young, healthy and clear bole. Hence, recommended for Translocation.
49	45	Honge	13°2'27.878"N/ 77°37'30.937"E	0.8m	3.5m	4.8m	Transplantation	Tree is located within the project areas and it causes hindrance to installation of Gantry Crane. Tree is young, healthy and clear bole. Hence, recommended for Translocation.
50	52	Jeevi	13°2'26.501"N/ 77°37'28.866"E	1m	3.5m	6.6m	Transplantation	Tree is located within the project area and causes hindrance to construction of ECS plant room of station. The tree have the potential to rejuvenate/propagate by vegetative means. Hence, recommended for translocation.
51	54	Jeevi	13°2'26.502"N/ 77°37'28.733"E	0.7m	4.0m	3.5m	Transplantation	Tree is located within the project area and causes hindrance to construction of ECS plant room of station. The tree have the potential to rejuvenate/propagate by vegetative means. Hence, recommended for translocation.
52	57	Arali	13°2'24.878"N/ 77°37'28.484"E	0.84m	4.5m	2.1m	Transplantation	Tree is located within the project area and causes hindrance to the construction of entry structure of station. Tree has

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								multiple branches, young and healthy. Hence recommended for Translocation.
53	59	Badami	13°2'24.192"N/ 77°37'28.808"E	0.25m	2.5m	3.9m	Transplantation	Tree is located within the project area and causes hindrance to the construction concourse area of station. Tree is young and healthy Hence recommended for Translocation.
54	61	Arali	13°2'21.61"N/ 7°37'26.89"E	0.75m	4.5m	2.7m	Transplantation	Tree is located within the project area and causes hindrance to the construction concourse area of station. Tree is young and healthy Hence recommended for Translocation.
55	64	Jack fruit	13°2'20.657"N/ 77°37'27.809"E	0.75m	4.5m	2.5m	Transplantation	Tree is located within the project area and causing hindrance to Cut & Cover-2 tunnel and road diversion work. It has clear bole, healthy tree and appropriate root ball of earth can be excavated. Hence, recommended for translocation.
56	74	Mango	13°2'18.616"N/ 77°37'27.058"E	0.36m	3.5m	1.5m	Transplantation	Tree is located within the project areas and causing hindrance to construction of TBM Retrieval shaft. Tree is young and healthy. Appropriate root ball

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
List of trees recommended for Felling								
ITI College Ground								
1	8	Ashoka	12°56'13.161"N/ 77°36'01.294"E	1.34	5.00	3.000	Felling	Tree is present in the entry to casting yard in BMRCL project area and the tree is with severe mechanical damage with canker face in the base. The conditions as mentioned above disqualify the tree for Transplantation / translocation. Hence tree is recommended for Felling
2	9	Ashoka	12°56'13.004"N/ 77°36'01.298"E	0.80	6.50	3.000	Felling	Tree is present in the entry to casting yard in BMRCL project area and the tree is with severe mechanical damage with canker face in the base. The conditions as mentioned above disqualify the tree for Transplantation / translocation. Hence tree is recommended for Felling
3	10	Ashoka	12°56'12.852"N/ 77°36'01.327"E	1.30	6.50	0.0	Felling	Tree is present in the entry to casting yard in BMRCL project area and the tree is with severe mechanical damage with canker face in the base. The conditions as mentioned above disqualify the tree for Transplantation / translocation. Hence tree is recommended for Felling

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
Dairy Circle								
4	2	Eucalyptus	12°56'23.386"N/ 77°36'17.628"E	2.10	12.00	0.0	Felling	Tree is present in the proposed for service road, the stretch of area proposed for service road. Tree Dried and dead branches indicating the matured status of the tree. The conditions as mentioned above disqualify the tree for Transplantation / translocation. Hence tree is recommended for Felling
5	3	Eucalyptus	12°56'23.450"N/ 77°36'17.580"E	1.60	12.00	5.00	Felling	Tree is present in the proposed for service road, the stretch of area proposed for service road. The conditions as mentioned above disqualify the tree for Transplantation / translocation. Hence tree is recommended for Felling
6	6	Eucalyptus	12°56'23.848"N/ 77°36'17.625"E	2.50	12.00	7.00	Felling	Tree is present in the proposed for service road, the stretch of area proposed for service road. Tree Dried and dead branches indicating the matured status of the tree. The conditions as mentioned above disqualify the tree for Transplantation / translocation. Hence tree is recommended for Felling
7	8	Peepal	12°56'24.920"N/ 77°36'17.880"E	5.50	14.00	20.00	Felling	Tree is present in the proposed for service road, the stretch of area proposed for service road. Tree Dried and dead branches indicating the matured status of the tree. The conditions

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								as mentioned above disqualify the tree for Transplantation / translocation. Hence tree is recommended for Felling
8	12	Rain tree	12°56'25.570"N/ 77°36'17.899"E	3.50	12.00	15.00	Felling	Tree is present in the proposed for service road, the stretch of area proposed for service road. Excavation of root ball proportionate to canopy / girth of the tree is not possible, as the tree is very close to residential area on one side. Hence tree is recommended for Felling
9	13	Eucalyptus	12°56'25.615"N/ 77°36'18.024"E	2.15	10.00	8.00	Felling	Tree is present in the proposed for service road, the stretch of area proposed for service road. Tree Dried and dead branches indicating the matured status of the tree. The conditions as mentioned above disqualify the tree for Transplantation / translocation. Hence tree is recommended for Felling
10	14A, 14B	Honge	12°56'25.728"N/ 77°36'17.850"E	1.55	10.00	4.00	Felling	Tree is present in the proposed for service road. The knots are present on both the forked branches of the tree. These knots indicate the probability of internal decay The trunk is with severe canker face in the base. Hence tree is recommended for Felling

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
11	15	Honge	12°56'25.936"N/ 77°36'7.898"E	2.00	10.00	8.00	Felling	Tree is present in the proposed for service road, the stretch of area proposed for service road. Excavation of root ball proportionate to canopy / girth of the tree is not possible, as the tree is very close to residential area on one side. Hence tree is recommended for Felling
12	16	Honge	12°56'26.182"N/ 77°36'8.008"E	0.80	4.00	5.00	Felling	Tree is present in the proposed for service road . The tree is forked at 0.5m from the base One of the branch is chopped, dried and decayed. Hence tree is recommended for Felling
13	17	Mango	12°56'26.117"N/ 77°36'8.106"E	1.45	8.00	5.00	Felling	• Tree is present in the center of the project area. The tree is with canker on both the sides of the tree at the base. The tree is prone for break at the girdled portion. Hence tree is recommended for Felling
14	20	Honge	12°56'27.636"N/ 77°36'8.264"E	2.20	7.00	8.00	Felling	Tree is present in the proposed for service road, the stretch of area proposed for service road. Excavation of root ball proportionate to girth of the tree is not possible, as the tree is very close to residential area on one side. Hence tree is recommended for Felling

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
15	38	Eucalyptus	12°56'23.809"N/ 77°36'8.614"E	3.00	12.00	6.00	Felling	Tree is matured, one major branch was already felled. Tree is mechanically damaged, debarked. The conditions as mentioned above disqualify the tree for Transplantation / translocation. Hence tree is recommended for Felling
16	42	Coconut	12°56'27.697"N/ 77°36'7.988"E	1.00	10.00	4.00	Felling	coconut trees are located in the project area, very tall, not well maintained, mechanically damaged and not fit for Transplantation/translocation. Hence tree is recommended for Felling
17	43	Coconut	12°56'26.52"N/7 7°36'8.118"E	1.00	12.00	3.00	Felling	coconut trees are located in the project area, very tall, not well maintained, mechanically damaged and not fit for Transplantation/translocation. Hence tree is recommended for Felling
18	44	Coconut	12°56'25.252"N/ 77°36'7.769"E	1.10	10.00	4.00	Felling	coconut trees are located in the project area, very tall, not well maintained, mechanically damaged and not fit for Transplantation/translocation. Hence tree is recommended for Felling
19	45	Coconut	12°56'25.004"N/ 77°36'7.78"E	0.95	10.20	0.0	Felling	coconut trees are located in the project area, very tall, not well maintained, mechanically damaged and not fit for Transplantation/translocation. Hence tree is recommended for Felling

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
			77°36'10.76"E				Felling	very tall, not well maintained, mechanically damaged and not fit for Transplantation/translocation. Hence tree is recommended for Felling
31	53	Coconut	12°56'56.464"N/ 77°36'10.955"E	0.65	8.00	2.50	Felling	cocoanut trees are located in the project area, very tall, not well maintained, mechanically damaged and not fit for Transplantation/translocation. Hence tree is recommended for Felling
M G Road								
32	73	Gulmohar	12°58'39.579"N/ 77°36'32.472" E	1.90	7.00	9.00	Felling	Tree is present in the middle of the pedestrian path within the project area (construction of entry to underground metro station) Tree is matured with huge root flares spread around the base .Fallen branch had created severe decay present at 2m from the base seen on the side of the tree facing road side • The conditions above disqualify the tree for Transplantation / translocation. Hence tree is recommended for Felling
33	75	Peltophoram	12°58'38.989"N/ 77°36'32.270" E	1.40	10.00	6.00	Felling	Tree is present in the middle of pedestrian path within the project area (construction of entry to underground metro station).There are severe knots present on trunk indicating probability of internal decay in the tree.

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								Hence tree is recommended for Felling
34	76	Honge	12°58'38.668"N/ 77°36'32.148" E	1.20	5.00	5.00	Felling	Tree is present in the middle of pedestrian path within the project area (construction of entry to underground metro station) Tree is matured and crooked in appearance. Hence tree is recommended for Felling
Cantonment station								
35	1	Dalichandra	12°59'32.845"N/ 77°36'22.663"E	1.3	8.0	3.0	Felling	The tree is present within the project activity area proposed for movement of gantry used for shifting heavy and large segments for underground tunnel construction; therefore the tree cannot be retained The tree is matured, decayed at the collar region with dried branches The tree is recommended for Felling
36	2	Basavanapada	12°59'33.394"N/ 77°36'23.067"E	1.2	5.0	4.0	Felling	The tree is present within the project activity area proposed for movement of gantry used for shifting heavy and large segments for underground tunnel construction; therefore the tree cannot be retained The tree is matured, decayed at the collar region with dried branches

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
Lakkasandra								
20	27	Rain Tree	12°56'57.352"N/ 77°36'11.184"E	3.75	8.00	15.00	Felling	Tree is over matured, forked branches, major branches were already pruned, leaned, physically damaged. The conditions as mentioned above disqualify the tree for Transplantation / translocation. Hence tree is recommended for Felling
21	29	Peepal	12°56'54.153"N/ 77°36'10.141"E	5.50	12.00	15.00	Felling	Excavation of root ball proportionate to canopy / girth of the tree is not possible, as the tree is very close to residential area on one side. The conditions as mentioned above do not qualify the tree for Transplantation / translocation. Hence tree is recommended for Felling
22	30	Buruga Tree	12°56'54.221"N/ 77°36'10.277"E	2.30	10.00	5.00	Felling	Excavation of root ball proportionate to canopy / girth of the tree is not possible, as the tree is very close to residential area on one side. The conditions as mentioned above do not qualify the tree for Transplantation / translocation. Hence tree is recommended for Felling.
23	32	Jack Fruit	12°56'58.411"N/ 77°36'10.470"E	0.45	2.50	Nil	Felling	Already felled. Hence tree is recommended for Felling.
24	34	Spathodea	12°56'53.581"N/ 77°36'9.969"E	2.50	8.00	Nil	Felling	Already felled. Hence tree is recommended for Felling

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
25	47	Coconut	12°56'57.778"N/ 77°36'10.796"E	0.90	9.00	4.00	Felling	coconut trees are located in the project area, very tall, not well maintained, mechanically damaged and not fit for Transplantation/translocation. Hence tree is recommended for Felling
26	48	Coconut	12°56'57.984"N/ 77°36'10.919"E	0.95	9.00	3.00	Felling	coconut trees are located in the project area, very tall, not well maintained, mechanically damaged and not fit for Transplantation/translocation. Hence tree is recommended for Felling
27	49	Coconut	12°56'58.196"N/ 77°36'10.998"E	0.95	11.00	3.00	Felling	coconut trees are located in the project area, very tall, not well maintained, mechanically damaged and not fit for Transplantation/translocation. Hence tree is recommended for Felling
28	50	Coconut	12°56'58.322"N/ 77°36'10.764"E	0.80	9.00	3.00	Felling	coconut trees are located in the project area, very tall, not well maintained, mechanically damaged and not fit for Transplantation/translocation. Hence tree is recommended for Felling
29	51	Coconut	12°56'58.182"N/ 77°36'10.098"E	1.00	11.00	4.00	Felling	coconut trees are located in the project area, very tall, not well maintained, mechanically damaged and not fit for Transplantation/translocation. Hence tree is recommended for Felling
30	52	Coconut	12°56'58.369"N/ 77°36'10.098"E	0.85	11.00	4.00	Felling	coconut trees are located in the project area, very tall, not well maintained, mechanically damaged and not fit for Transplantation/translocation. Hence tree is recommended for Felling

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								The tree is recommended for Felling.
37	4	Rain tree	12°59'33.55"N/ 77°36'23.732"E	1.3m	8m	3.0m	Felling	The tree is present within the project activity area proposed for movement of gantry used for shifting heavy and large segments for underground tunnel construction; therefore the tree cannot be retained The tree is matured, decayed at the collar region with dried branches The tree is standing very close to the newly constructed retaining wall, therefore excavation of ball of earth is not possible for translocation The tree is recommended for Felling
38	5	Spathodia	12°59'33.614"N/ 77°36'23.865"E	2.0m	10m	4.0m	Felling	The tree is present within the project activity area (includes heavy machinery movement during construction activities followed by entry/exit to station), therefore the tree cannot be retained The tree is matured and huge and the base of the tree is conjoined with tree no. N4, therefore excavation of appropriate size of root ball is not possible and hence the tree cannot be translocated The tree is recommended for Felling
39	6	Rain tree		1.3m	11m	3.0m	Felling	The tree is present within the project activity

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
			12°59'34.327"N/ 77°36'24.039"E					area (includes heavy machinery movement during construction activities followed by entry/exit to station), therefore the tree cannot be retained The tree is dried and dead, i.e., only snag is standing in the field The tree is recommended for Felling
40	7	Rain tree	12°59'34.554"N/ 77°36'24.141"E	2.2m	12m	15m	Felling	The tree is present within the project activity area; therefore, the tree cannot be retained. The tree is matured and huge therefore excavation of appropriate size and quality root ball is not possible and hence the tree cannot be translocated The tree is recommended for Felling
41	8	Rain tree	12°59'34.625"N/ 77°36'23.544"E	2.3m	18m	15m	Felling	The tree is present within the project activity area; therefore, the tree cannot be retained. The tree is matured and huge therefore excavation of appropriate size and quality root ball is not possible and hence the tree cannot be translocated The tree is recommended for Felling .
42	9	Sampeige Tree	12°59'34.139"N/ 77°36'23.307"E	0.65m	6.0m	1.5m	Felling	The tree is present within the project activity area proposed for movement of gantry used for shifting heavy and large segments for underground tunnel construction; therefore the tree cannot be retained

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								The tree is forked where one of the forked branch is dead and further weakened / decayed the forking region, therefore the tree do not fit for translocation The tree is recommended for Felling
43	10	Dalichandra	12°59'32.618"N/ 77°36'22.595"E	1.05m	8.0m	3.0m	Felling	The tree is present within the project activity area proposed for movement of gantry used for shifting heavy and large segments for underground tunnel construction; therefore the tree cannot be retained The tree is matured, The tree is recommended for Felling
44	11	Dalichandra	12°59'32.554"N/ 77°36'22.528"E	1.40m	10.0m	4.0m	Felling	The tree is present within the project activity area proposed for movement of gantry used for shifting heavy and large segments for underground tunnel construction; therefore the tree cannot be retained The tree is matured, with minor defects near the base and dried branches in the top The tree is standing very close to the newly constructed retaining wall, therefore excavation of ball of earth is not possible for translocation The tree is recommended for Felling

Pottery town station

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
45	1	Rain Tree	13°0'4.893"N/ 77°36'37.625"E	3.0m	12m	10.0m	Felling	The tree is present within the project activity area; therefore, the tree cannot be retained. The tree is matured and huge therefore excavation of appropriate size and quality root ball is not possible and hence the tree cannot be translocated The tree is recommended for Felling .
46	2	Peepal Tree	13°0'0.008"N/ 77°36'31.802"E	7.0 m	20m	15.0m	Felling	The tree is present within the project activity area proposed for movement of Tunnel Borer Machine and gantry used for shifting heavy and large segments for underground tunnel construction; therefore the tree cannot be retained The tree is matured and huge therefore excavation of appropriate size and quality root ball is not possible and hence the tree cannot be translocated The tree is recommended for Felling

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
47	3	Peepal Tree	12°59'59.581"N/ 77°36'32.229"E	4.6m	20m	15.0m	Felling	The tree is present within the project activity area proposed for movement of Tunnel Borer Machine and gantry used for shifting heavy and large segments for underground tunnel construction; therefore the tree cannot be retained The tree is matured and huge therefore excavation of appropriate size and quality root ball is not possible and hence the tree cannot be translocated The tree is recommended for Felling
Tannery road station								
48	1	Ashoka	13°0'36.975"N/ 77°36'52.322"E	1.3m	10m	2m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with canker symptoms in the base (trunk collar) The root zone of the tree is very close to the drainage channel (presently closed), hence excavation of root ball of desired size is not possible, therefore the tree cannot be Transplantation The tree is recommended for Felling
49	2	Mango	13°0'36.909"N/ 77°36'52.421"E	0.9m	7m	4m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								station box with entry and exit; therefore the tree cannot be retained The tree is present very close to Tree No.3, old drainage channel and boundary wall, as these site conditions prevent excavation of root ball of desired size the tree cannot be translocated The tree is recommended for Felling
50	3	Ashoka	13°0'36.877"N/ 77°36'52.42"E	1.2m	12m	3m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is present very close to Tree No.2, old drainage channel and boundary wall, as these site conditions prevent excavation of root ball of desired size the tree cannot be translocated The tree is recommended for Felling
51	5	Ashoka	13°0'36.811"N/ 77°36'52.486"E	1.04m	12m	13m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with decay symptoms in the base (trunk collar) and do not qualify for translocation The tree is recommended for Felling

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
52	6	Jack fruit	13°0'36.746"N/ 77°36'52.518"E	1.4m	16m	2m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is dried and dead, i.e, only snag is standing in the field The tree is recommended for Felling
53	7	Ashoka	13°0'36.712"N/ 77°36'52.618"E	1.0m	12m	2m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is present very close to old drainage channel and boundary wall and therefore excavation of quality root ball of desirable size for translocation is not possible The tree is recommended for Felling
54	8	Honge	13°0'36.647"N/ 77°36'52.584"E	1.15m	10m	5m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is leaning to about 450 angle and do not qualify for translocation The tree is recommended for Felling
55	10	Ashoka	13°0'36.613"N/ 77°36'52.716"E	1.1m	12m	2m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								tree cannot be retained The tree is matured with decay symptoms in the base (trunk collar) and do not qualify for translocation The tree is recommended for Felling
56	11	Honge	13°0'36.548"N/7°36'52.749"E	1.24m	08m	6m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with decay symptoms The tree is recommended for Felling
57	13	Ashoka	13°0'36.515"N/7°36'52.815"E	1m	10m	4m	Felling	Tree is present in the construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split at the base . The tree is recommended for Felling
58	14	Ashoka	13°0'36.384"N/7°36'52.88"E	1.10m	12m	3m	Felling	Tree is present in the construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split at the base . The tree is recommended for Felling
59	15	Ashoka	13°0'36.287"N/7°36'52.812"E	1.20m	12m	3m	Felling	Tree is present in the construction of station box with entry and exit; therefore the tree cannot be retained

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								The tree is matured with severe bark split at the base . The tree is recommended for Felling.
60	16	Ashoka	13°0'36.191"N/77°36'52.712"E	1.10m	10m	3m	Felling	Tree is present in the construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split at the base . The tree is recommended for Felling
61	17	Ashoka	13°0'36.094"N/77°36'52.644"E	1.12m	10m	3m	Felling	Tree is present in the construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split at the base . The tree is recommended for Felling
62	18	Ashoka	13°0'36.029"N/77°36'52.577"E	0.95m	12m	2m	Felling	Tree is present in the construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split at the base . The tree is recommended for Felling
63	20	Ashoka	13°0'35.933"N/77°36'52.477"E	1.1m	10m	3m	Felling	Tree is present in the construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split at the base . The tree is recommended for Felling

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								Felling
64	21	Ashoka	13°0'35.803"N/7°36'52.409"E	0.97m	12m	3m	Felling	Tree is present in the construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split at the base . The tree is recommended for Felling
65	22	Ashoka	13°0'35.805"N/7°36'52.276"E	1.25m	12m	3m	Felling	Tree is present in the construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split at the base . The tree is recommended for Felling
66	23	Mango	13°0'35.838"N/7°36'52.21"E	0.80m	4m	0	Felling	Tree is present in the construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split at the base . The tree is recommended for Felling
67	24	Ashoka	13°0'35.903"N/7°36'52.178"E	1.05m	10m	4m	Felling	Tree is present in the construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split at the base . The tree is recommended for Felling
68	25	Ashoka	13°0'35.969"N/7°36'52.178"E	0.95m	12m	2m	Felling	Tree is present in the area proposed for

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
			7°36'52.079"E					excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is partially drying with bark completely removed all around the trunk at the base, therefore the tree do not qualify for translocation The tree is recommended for Felling
69	26	Ashoka	13°0'36.068"N/77°36'52.014"E	0.80m	10m	1m	Felling	Tree is present in the construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split at the base. The tree is recommended for Felling
70	28	Jack fruit	13°0'36.198"N/77°36'51.949"E	1.20m	12m	2m	Felling	Tree is present in the construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured, dried / dead branches, The tree is recommended for Felling
71	29	Ashoka	13°0'36.33"N/77°36'51.751"E	1.0m	10m	3m	Felling	Tree is present in the construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split at the base. The tree is recommended for Felling
72	30	Ashoka	13°0'36.429"N/77°36'51.751"E	1.40m	12m	4m	Felling	Tree is present in the construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split at the base. The tree is recommended for Felling

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
			7°36'51.653"E					box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split at the base . The tree is recommended for Felling
73	31A	Mango	13°0'36.528"N/7°36'51.521"E	0.7m	8m	3m	Felling	Tree is present in the construction of station box with entry and exit; therefore the tree cannot be retained The tree is widely forked from the base and do not qualify for Transplantation as excavation of root ball of desired size is not possible The tree is recommended for Felling
74	32	Hathi	13°0'36.627"N/7°36'51.39"E	2.30m	12m	6m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured and huge (root ball excavation is not possible), collar region of the tree is damaged, therefore the tree do not qualify for translocation The tree is recommended for Felling
75	33	Hathi	13°0'37.372"N/7°36'51.696"E	2.4m	12m	5m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								<p>tree cannot be retained</p> <p>The tree is matured and huge (root ball excavation is not possible), tree shows decline symptoms from the top, therefore the tree do not qualify for translocation</p> <p>The tree is recommended for Felling</p>
76	34A	Mango	13°0'37.338"N/77°36'51.828"E	1m	9m	5m	Felling	<p>Tree is present in the construction of station box with entry and exit; therefore the tree cannot be retained</p> <p>The tree is widely forked from the base and do not qualify for Transplantation as excavation of root ball of desired size is not possible</p> <p>The tree is recommended for Felling</p>
77	35A	Huvarsi	13°0'36.978"N/77°36'52.09"E	1.1m	10m	5.5m	Felling	<p>Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained</p> <p>The tree is matured with forked trunks (root ball excavation is not possible), termite infestation at the base, weak branch unions, therefore the tree do not qualify for translocation</p> <p>The tree is recommended for Felling</p>

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
78	36	Spathcdia	13°0'36.513"N/7°36'52.98"E	2.1m	12m	4m	Felling	Tree is present in the area of station box with entry and exit; therefore the tree cannot be retained The tree is matured and huge in size (proportional root ball excavation to girth is not possible), therefore the tree do not qualify for translocation The tree is recommended for Felling
79	37	Dalichanda	13°0'36.513"N/7°36'53.047"E	0.9m	14m	0	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is present very close to old drainage channel and boundary wall and therefore excavation of quality root ball of desirable size for translocation is not possible The tree is recommended for Felling
80	38	Paper	13°0'35.127"N/7°36'51.772"E	0.75m	6m	4m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is crooked and leaning towards one side with severe canker symptoms (mechanically), therefore the tree do not qualify for translocation The tree is recommended for Felling

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
81	39	Neem	13°0'35.324"N/77°36'51.542"E	0.66m	7m	3m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is under severe stress, bending, with its canopy being topped, hence do not qualify for translocation The tree is recommended for Felling
82	40	Cherry	13°0'35.587"N/77°36'51.345"E	0.65m	3.5m	0m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is dried / dead The tree is recommended for Felling
83	41	Hunase	13°0'36.27"N/77°36'51.253"E	1.6m	12m	10m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with canker face symptoms on the trunk, further the size of the tree do not qualify for translocation The tree is recommended for Felling
84	42	Cherry	13°0'36.233"N/77°36'51.75"E	0.5m	6m	0	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								The tree is dried / dead The tree is recommended for Felling
85	44A	Spathodia	13°0'35.352"N/7°36'52.04"E	0.95m	08m	4m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured .The tree is recommended for Felling
86	45	Neem Tree	13°0'35.352"N/7°36'52.006"E	1.10m	7m	3m	Felling	Tree is present in the area construction of station box with entry and exit; therefore the tree cannot be retained The tree is severely decayed (external decay symptoms on the trunk) and with canker faces due to injury on the trunk which do not qualify the tree for translocation, The tree is recommended for Felling
Venkateshpura station								
87	1	Neem Tree	13°1'0.901"N/77°37'3.054"E	0.80m	7.0m	0	Felling	Tree is located within the project area and it causes hindrance to installation of Gantry Crane. Tree is completely dried. Hence, recommended for felling.
88	2	Mango Tree	13°1'4.385"N/77°37'5.943"E	1.00m	8.0m	4.0m	Felling	Tree is located within the project area and it causes hindrance to installation of Gantry Crane.Tree is matured, mechanically damage, one major branch is already pruned and two branches are dead.

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
	3			1.20m	12.0m	4.0m		• Hence, recommended for felling
	3A			1.0m	12.0m	4.0m		
	3B			1.0m	12.0m	4.0m		
89	3C	Paper Tree	13°1'4.324"N/ 77°3'7'5.545"E	0.6m	8.0m	2.0m	Felling	Tree is located within project area i.e., construction of station box. Tree has multiple branches (4 Nos.). Not possible to excavate appropriate root ball Hence, recommended for felling.
90	4	Tabubia tree	13°1'7.367"N/ 77°3'7'6.97"E	1.20m	14.0m	6.0m	Felling	Tree is located outside the BMRCL project area but tree is causing hindrance to construction of road (6 m) for traffic diversion. Tree is mature, girdled at the bottom due to soil compaction. Hence, recommended for felling
K G Halli Station								
91	1	Peltopharm	13°1'45.247"N / 77°3'7'14.3"E	1.23m	7.0m	8.0m	Felling	Tree is located within the project area and causing hindrance to installation of Gantry Crane. Roots are exposed to surface Hence, recommended for felling.
92	2	Peltopharma	13°1'45.474"N / 77°3'7'14.336"E	1.80m	7.0m	8.0m	Felling	Tree is located within the project area and causing hindrance to installation of Gantry Crane. Roots are exposed to surface Hence, recommended for felling.
93	3	Seemethangadi	13°1'48.522"N / 77°3'7'15.264"E	0.65m	6.0m	4.0m	Felling	Tree is located within the project area and causing hindrance to installation of Gantry Crane. Tree is mechanically damaged,

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
			E					found fissures, hollowness. Hence, recommended for felling.
94	4	Badam	13°1'49.01"N/ 77°37'15.236"E	0.79m	6.0m	3.5m	Felling	Tree is located within the project area and causing hindrance to installation of Gantry Crane. Tree is located adjacent to the existing drainage. Hence, appropriate root ball of earth cannot be excavated. Hence, recommended for felling.
CC-1, Nagawara Station, CC-2 & Ramp								
95	1	Rain Tree	13°2'41.884"N/ 77°37'38.449"E	1.2m	5.0m	8m	Felling	Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. Tree is mechanically damaged, two branches are already pruned and found epicormics shoots. Hence, recommended for felling.
96	3	Honge	13°2'41.432"N/ 77°37'38.113"E	0.3m	3.3m	5.5m	Felling	Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. Tree has forked branches, and leaned. Hence, tree is recommended for felling.
97	5	Honge	13°2'41.271"N/	0.65m	4m	4.6m	Felling	Tree is located within the project area and

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
			77°37'38.011" E					causing hindrance to construction of Ramp retaining wall. Tree has forked branches, and leaned. Hence, tree is recommended for felling
98	6	Coconut	13°2'40.787"N/ 77°37'37.575" E	1.15m	12.25m	5m	Felling	Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. Hence, tree is recommended for felling.
99	7	Coconut	13°2'40.92"N/ 7°37'37.344"E	1.2m	11.8m	5m	Felling	Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. Hence, tree is recommended for felling.
100	8	Coconut	13°2'40.569"N/ 77°37'36.677" E	1.15m	12.2m	5m	Felling	Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. Hence, tree is recommended for felling.
101	9	Ashoka	13°2'39.051"N/ 77°37'35.666" E	1.15m	7.0m	1m	Felling	Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. The appropriate root ball of earth cannot be excavated Hence, tree is recommended for felling.

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
102	10	Acacia	13°2'38.621"N/ 77°37'36.325"E	1.13m	4.5m	8.8m	Felling	Tree is located within the project area, this space is used construction of road for traffic diversion. Tree has forked branches, mechanically damaged, one branch is fallen. Hence, recommended for felling
103	11	Silver oak	13°2'38.82"N/ 7°37'35.995"E	0.8m	10.6m	3.4m	Felling	Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. The success rate of translocation trees are very less. Hence, recommended for felling.
104	13	Basavan pada	13°2'38.661"N/ 77°37'35.562"E	0.77m	4.2m	5.5m	Felling	Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. Tree has forked branches, and found bulging of bole at the base and three major branches are dried. Hence, recommended for felling.
105	15	Coconut	13°2'34.175"N/ 77°37'32.164"E	0.9m	11.35m	5.5m	Felling	Tree is located within the project area and causes hindrance to construction of Cut & Cover-2 tunnel. Hence recommended for felling.
106	16	Coconut	13°2'33.917"N/ 77°37'31.963"E	0.9m	10.15m	5.3m	Felling	Tree is located within the project area and causes hindrance to construction of Cut & Cover-2 tunnel..

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								Hence recommended for felling.
107	17	Coconut	13°2'33.788"N/ 77°37'31.862"E	0.9m	12.2m	5.5m	Felling	Tree is located within the project area and causes hindrance to construction of Cut & Cover-2 tunnel.. Hence recommended for felling.
108	18	Coconut	13°2'30.288"N/ 77°37'30.664"E	1.2m	10.4m	5.8m	Felling	Tree is located within the project area and causes hindrance to construction of Cut & Cover-2 tunnel.. Hence recommended for felling.
109	19	Coconut	13°2'30.223"N/ 77°37'30.597"E	1.2m	11.1m	5.3m	Felling	Tree is located within the project area and causes hindrance to construction of Cut & Cover-2 tunnel.. Hence recommended for felling.
110	20	Coconut	13°2'30.093"N/ 77°37'30.595"E	1m	11.2m	5.8m	Felling	Tree is located within the project area and causes hindrance to construction of Cut & Cover-2 tunnel.. Hence recommended for felling.
111	21	Coconut	13°2'30.253"N/ 77°37'30.829"E	1.1m	10.7m	6.1m	Felling	Tree is located within the project area and causes hindrance to construction of Cut & Cover-2 tunnel.. Hence recommended for felling.
112	23	Coconut	13°2'30.186"N/ 77°37'31.061"E	1.1m	10.25m	5.1m	Felling	Tree is located within the project area and causes hindrance to construction of Cut & Cover-2 tunnel.. Hence recommended for felling.
113	24	Coconut	13°2'30.021"N	0.8m	8.45m	5.1m	Felling	Tree is located within the project area and

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
			77°37'31.258" E					causes hindrance to construction of Cut & Cover-2 tunnel.. Hence recommended for felling.
114	25	Neem	13°2'29.892"N/ 77°37'31.224" E	0.75m	4.0m	15m	Felling	Tree is located in the project area and causes hindrance to construction Back of House Unpaid Concourse area of station Tree is lean and it has forked branches and bent in opposite directions Two branches of this tree are already felled. Hence, recommended for felling
115	26	Coconut	13°2'29.827"N/ 77°37'31.223" E	1.1m	8.85m	5.5m	Felling	Tree is located in the project area and causes hindrance to construction Concource area of station Hence recommended for felling.
116	27	Coconut	13°2'29.697"N/ 77°37'31.188" E	1.15m	9.84m	5.1m	Felling	Tree is located in the project area and causes hindrance to construction Concource area of station Hence recommended for felling
117	28	Coconut	13°2'29.666"N/ 77°37'31.055" E	0.85m	10.35m	5.4m	Felling	Tree is located in the project area and causes hindrance to construction Concource area of station Hence recommended for felling
118	31	Coconut	13°2'29.699"N/ 77°37'30.956" E	1m	10.5m	3.3m	Felling	Tree is located in the project area and causes hindrance to construction Concource area of station

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								Hence recommended for felling
119	32	Coconut	13°2'29.733"N/ 77°37'30.824"E	1.1m	11m	4.5m	Felling	Tree is located in the project area and causes hindrance to construction Concourse area of station Hence recommended for felling
120	34	Coconut	13°2'29.832"N/ 77°37'30.659"E	1m	9.5m	4.7m	Felling	Tree is located in the project area and causes hindrance to construction Concourse area of station Hence recommended for felling
121	35	Coconut	13°2'29.767"N/ 77°37'30.725"E	0.85m	10m	4.8m	Felling	Tree is located in the project area and causes hindrance to construction Concourse area of station Hence recommended for felling
122	37	Coconut	13°2'29.572"N/ 77°37'30.656"E	1.1m	11.2m	4.7m	Felling	Tree is located in the project area and causes hindrance to construction Concourse area of station Hence recommended for felling
123	40	Paper	13°2'29.727"N/ 77°37'31.388"E	1.4m	7.0m	4.9m	Felling	Tree is located within the project area and it causes to road diversion work. Tree is having multiple branches, one branch is already felled. Hence recommended for felling.
124	41	Hooovu arasi	13°2'29.339"N/ 77°37'31.218"E	1.2m	4.5m	4.5m	Felling	Tree is located within the project areas and it causes hindrance to installation of Gantry Crane. Tree is having forked branches, major branches are dried and

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								found epicormics shoots. Hence recommended for felling.
125	42	Honge	13°2'29.112"N/ 77°37'31.182"E	0.8m	3m	3.1m	Felling	Tree is located within the project areas and it causes hindrance to installation of Gantry Crane. Tree is lean, and bent and two major branches are already pruned. Hence recommended for felling.
126	44	Honge	13°2'28.69"N/ 7°37'31.045"E	1.5m	4.0m	7.2m	Felling	Tree is located within the project areas and it causes hindrance to installation of Gantry Crane. Tree has forked branches and lean, found hollowness on the trunk, and two branches are already felled. Hence recommended for felling.
127	46	Sweet Hunase	13°2'28.956"N/ 77°37'30.517"E	0.8m	4.0m	4m	Felling	Tree is located within the project area and causes hindrance to construction of unpaid concourse area of station. Hence recommended for felling. Tree has multiple branches, mechanically damaged. Appropriate root ball of earth cannot be excavated. Hence, recommended for felling
128	49	Coconut	13°2'27.206"N/ 77°37'29.902"E	0.9m	8m	4.6m	Felling	Tree is located within the project area i.e., station box, and causes hindrance to construction of paid concourse area of station. Hence recommended for felling.
129	50	Teak	13°2'27.177"N/ 77°37'29.902"E	1.2m	4.5m	6.5m	Felling	Tree is located within the project area and

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
			77°37'29.503" E					causes hindrance to construction of ECS plant room of station. Mechanically damaged Hence recommended for felling.
130	51	Teak	13°2'27.212"N/ 77°37'29.305" E	1.3m	4.0m	4.3m	Felling	Tree is located within the project area and causes hindrance to construction of ECS plant room of station. Mechanically damaged Hence recommended for felling..
131	53	Mango	13°2'26.534"N/ 77°37'28.767" E	1.3m	3.5m	8.5m	Felling	Tree is located within the project area and causes hindrance to construction of ECS plant room of station. Tree has fissure at the base of the bole, two major branches are dried. Hence recommended for felling.
132	55	Coconut	13°2'26.263"N/ 77°37'29.892" E	0.85m	12.5m	4.6m	Felling	Tree is located within the project area and causes hindrance to the construction of station box. Hence recommended for felling.
133	56	Spathodia	13°2'26.035"N/ 77°37'29.922" E	1m	5.5m	1.5m	Felling	Tree is located within the project area and causes hindrance to the construction of station box. Tree is not having clear bole and found epicormic shoots because of stress. Hence recommended for felling.
134	58	Neem	13°2'24.446"N/ 77°37'29.922" E	0.97m	5.0m	5.5m	Felling	Tree is located within the project area and causes hindrance to the construction of station box. Tree is not having clear bole and found epicormic shoots because of stress. Hence recommended for felling.

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
			77°37'29.474" E					causes hindrance to the construction of plumbing shaft of station Found oozing on the bole, girdled at the base of the bole, mechanically damaged. Hence recommended for felling.
135	62	Hooovu arasi	13°2'21.149"N/ 77°37'27.416" E	1.3m	3.0m	10.4m	Felling	Tree is located at the construction of road for traffic diversion Tree has forked branches, and bent towards the existing road and found epicormic shoots. Five branches are mechanically damaged. Hence, recommended for felling.
136	63	Neem	13°2'20.887"N/ 77°37'27.646" E	0.85m	3.5m	8.3m	Felling	Tree is located within the project area and causing hindrance to Cut & Cover-2 tunnel and road diversion work. Tree is mechanically damaged, two branches are already pruned. Appropriate root ball of earth cannot be excavated due to existing road. Hence, recommended for felling.
137	65	Honge	13°2'20.562"N/ 77°37'27.576" E	0.85m	2.0m	1m	felling	Tree is located within the project area and causing hindrance to Cut & Cover-2 tunnel and road diversion work. Tree is mechanically damaged and only stump portion is there.

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								Appropriate ball of earth cannot be excavated. Hence, recommended for felling.
								Tree is located within the project area and causing hindrance to Cut & Cover-2 tunnel and road diversion work. Three major branches are already pruned, one branch is dried, roots exposed to surface (looks like a buttresses) Tree is matured and found epicormic shoots. Hence, recommended for felling.
138	66	Gulmohr	13°2'20.201"N/ 77°37'27.871"E	1.85m	5.0m	15.9m	Felling	Tree is located within the project area and causing hindrance to installation of Gantry Crane/movement of piling rig. Tree is mechanically damaged and found wood borers, fissures and hallowness on the bole. Hence, recommended for felling.
139	68	Honge	13°2'18.44"N/ 77°37'28.416"E	1.2m	4.0m	7.3m	Felling	Tree is located within the project area and causing hindrance to installation of Gantry Crane/movement of piling rig. Tree is mechanically damaged and found wood borers, fissures and hallowness on the bole. Hence, recommended for felling.
140	69	Honge	13°2'18.442"N/ 77°37'28.217"E	0.8m	4.5m	7.6m	Felling	Tree is located within the project area and causing hindrance to installation of Gantry Crane/movement of piling rig. Tree is having multiple branches (3 Nos.) and two branches are already felled. Hence, recommended for felling.

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
141	70	Honge	13°2'18.411"N/ 77°37'27.984"E	0.8m	4.0m	7.3m	Felling	Tree is located within the project area and causing hindrance to installation of Gantry Crane/movement of piling rig. Tree is leaned and bent towards the exiting road and mechanically damaged. Hence, tree is recommended for felling
142	71	Honge	13°2'18.381"N/ 77°37'27.752"E	1.3m	4.5m	8.5m	Felling	Tree is located within the project area and causing hindrance to installation of Gantry Crane/movement of piling rig. Tree has forked branches from the base of the bole. Tree is matured, and found girdling at the base of bole and also mechanically damaged. Hence, tree is recommended for felling
143	72	Honge	13°2'18.383"N/ 77°37'27.553"E	0.8m	4.5m	4.8m	Felling	Tree is located within the project area and causing hindrance to installation of Gantry Crane/movement of piling rig. Tree is having forked branches, Hence, recommended for felling.
144	73	Honge	13°2'18.353"N/ 77°37'27.354"E	0.9m	4.0m	7.6m	Felling	Tree is located within the project area and causing hindrance to installation of Gantry Crane/movement of piling rig. It has forked branches, mechanically damaged, Hence, recommended for felling.

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
145	76	Mango	13°2'18.552"N/ 77°37'26.958"E	0.43m	3.0m	1.5m	Transplantation	Tree is located within the project areas and causing hindrance to construction of TBM Retrieval shaft. Tree is young and healthy, but appropriate root ball of earth cannot be excavated Hence, recommended for felling.
146	77	Mango	13°2'18.552"N/ 77°37'26.958"E	0.47m	2.5m	1.5m	Felling	Tree is located within the project areas and causing hindrance to construction of TBM Retrieval shaft. Tree is young and healthy, but appropriate root ball of earth cannot be excavated Hence, recommended for felling.
147	78	Jamun	13°2'18.551"N/ 77°37'27.024"E	0.87m	4.5m	7.7m	Felling	Tree is located within the project areas and causing hindrance to construction of TBM Retrieval shaft. Tree is having forked branches and one major branch is already pruned. Appropriate root ball of earth cannot be excavated Hence, recommended for felling.
148	80	Rain Tree	13°2'19.067"N/ 77°37'27.494"E	1.2m	5.0m	1.7m	Felling	Tree is located within the project area and causing hindrance to the construction of

Application No.: BMRCL/0163/P-2/CE-UG/RT-01/BBMP/2020/7701 dtd 25.11.2020

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
			E					TBM Retrieval shaft. Tree is matured and having forked branches, two branches are mechanically damaged. Hence, recommended for felling.
149	81	Honge	13°2'18.292"N/ 77°37'26.922"E	1.3m	4.5m	16.6m	Felling	Tree is located within the project area and causing hindrance to the construction of TBM Retrieval shaft. Tree is matured and having forked branches, two branches are mechanically damaged. Hence, recommended for felling.

Summary:

Total number of trees recommended for felling	149 Nos
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Date:


 Signatures of **DEPUTY OFFICER &**
 Deputy Conservator of Forests BBMP
DEPUTY CONSERVATOR OF FORESTS
BRUHAT BANGALORE MAHANAGARA PALIKE
BENGALURU.

Application No.: BMRCL/0163/P-2/CE-UG/RT-01/BBMP/2020/7701 dtd 25.11.2020

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/0163/P-2/CE-UG/RT-01/BBMP/2020/7701 dtd.
25.11.2020

Project Area: Reach 6 UG - South Ramp (Jayanagar Fire Station) to
North Ramp (Nagawara) for a length of 13.89 Kms. (except
Langford Station and All Saints Church)

Date: 22-3-21

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Report of Tree Expert Committee regarding permission sought by BMRCL undersection 8(2) and 8(3)(vii) of Karnataka Preservation of Trees Act.

Case / Application No. BMRCL/0163/P-2/CE-UG/RT-01/BBMP/2020/7701 Date 25.11.2020

Project Area: South Ramp (Jayanagar Fire Station) to North Ramp (Nagawara) for a length of 13.89 Kms. (except Langford Station and All Saints Church)

1. As per the orders of the Hon'ble High Court of Karnataka, the Memorandum of Procedure (herein after mentioned as "the MOP" December 2020) was submitted on 09.12.2020 duly incorporating the directions of the Hon'ble High Court, and the work of the Tree Expert Committee (hereinafter mentioned as TEC) was carried out as per the process elucidated in the MOP.

1. The above mentioned project area of BMRCL comprises of the following segments and the number of trees standing in each segment have been shown below:

1. ITI Ground	-	63 trees
2. Dairy Circle Metro Station	-	33 trees
3. Lakkasandra Metro Station	-	20 trees
4. MG Road Metro Station	-	09 trees
5. Cantonment Metro Station	-	11 trees
6. Pottery Town Metro Station	-	03 trees
7. Tannery Road Metro Station	-	46 trees
8. Venkateshpura Metro Station	-	06 trees
9. K G Halli Metro Station	-	04 trees
10. CC-1, Nagawara Metro Station, CC-2 & Ramp	-	<u>81 trees</u>
Total		<u>276 trees</u>

BMRCL has submitted application to remove 212 trees against the above 276 standing trees. Details of 212 trees are as under:

1. ITI Ground	-	04 trees
2. Dairy Circle Metro Station	-	33 trees
3. Lakkasandra Metro Station	-	20 trees
4. MG Road Metro Station	-	09 trees
5. Cantonment Metro Station	-	11 trees
6. Pottery Town Metro Station	-	03 trees
7. Tannery Road Metro Station	-	46 trees
8. Venkateshpura Metro Station	-	04 trees
9. K G Halli Metro Station	-	04 trees
10. CC-1, Nagawara Metro Station, CC-2 & Ramp	-	<u>78 trees</u>
Total		<u>212 trees</u>

2. The Tree Officer and Deputy Conservator of Forests, BBMP Bangalore submitted his preliminary assessment of trees regarding application filed by BMRCL pertaining to Reach 6 UG – total 212 trees falling in the above mentioned project areas i.e., South Ramp to North Ramp [Jayanagar Fire Station to Nagawara] over a length of 13.89 Kms, (except Langford Station and All Saints Church) Reach -6, UG - Phase – 2. The submission is accompanied by following documents.

- i. A copy of the application dated 25.11.2020 from BMRCL along with details and map of the area and the tree details including GPS co-ordinates.
- ii. The public notices (dated 26.11.2020) a complete set of the objections from the public and a copy of the consolidated proceedings dated 24.02.2021 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. Tree Assessment Forms in Template-2 with Part-I [dated 04.12.2020 and dated 20.02.2021] containing tree details as furnished by Range Forest Officer and Part II [dated 07.12.2020 and dated 23.02.2021] containing preliminary assessment of the Tree Officer for 212 trees proposed to be removed by BMRCL out of the total 276 trees standing in the Metro areas from South Ramp (Jayanagar Fire Station) to North Ramp (Nagawara).
- 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 in response to Public Notice and findings of Tree Officer:

3. The BMRCL application, public notice, all objections from the public, findings of the Tree Officer, and his consolidated proceedings were perused systematically by the TEC in its meeting held on 17.12.2020 and 25.02.2021. The TEC noted that the process prescribed in the MOP from Step-1 to Step-3 have been followed scrupulously by the Tree Officer.

1. The TEC observed that total 61 number of objections have been received in response to the public notices issued. Some of the objectors have suggested to reduce the number of trees to be felled to the extent possible while few of them have questioned the necessity of this project as it is going to harm the environment. A couple of objectors have also suggested for the need of commissioning the Metro Project in view of the increasing urbanization and they desired to have public consultations. Regarding these objections/remarks, it was enquired from Tree Officer and he has responded that the felling of trees will be kept to minimum and shall be done only when it is necessary. Further the provision of KPT Act 1976 envisages issue of Public Notice to invite the objections from the public for consideration and the same has been followed by the Tree Officer. The TEC concurred with the replies of the Tree Officer regarding the objections received in response to the public notice.

2. The TEC had 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

4

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:

4. The TEC examined the preliminary assessment of trees submitted by Tree Officer, 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.

5. 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 the removal being necessary, should be to explore the suitability 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 and for that purpose scheduled the field inspections of various sites on **23.12.2020 and 02.03.2021**.

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

Field Inspection by TEC:

7. The field inspection for assessment of trees standing in between the areas falling from Dairy Circle of the Metro project area i.e., South Ramp (Jayanagar Fire Station) to North Ramp (Nagawara) for a length of 13.89 Kms. (except Langford Station and All Saints Church) was carried out by the TEC on **23.12.2020 and 02.03.2021**.

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

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.
- 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 those trees which can be retained on-site.

- v. Assessment of the general conditions of the trees to decide about the feasibility of translocation/transplantation in case retention on site of the tree was not possible.
- vi. Recording of TEC's remarks and recommendations for on-site retention / translocation / felling of trees as stipulated in the 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 is attached to this report as Annexure-5

Post Inspection Review and Report Preparation:

8. Having completed the field inspections on **23.12.2020** and **02.03.2021**, the TEC met to review its findings and assessment and further to formulate its recommendations and prepare the report.

On-site Retention: As a first priority, the Committee tried to identify the trees that can be retained on site. Though the trees standing in the above cited Metro sites are 276 in number, BMRCL have identified that only 212 trees are hindering the project activities. The remaining 64 trees which are not hindering the project activities have been recommended by BMRCL for retention onsite. In addition to the above stated 64 trees, TEC have identified 05 more trees which are standing in the project area but not affecting the project activities. Hence the total no. of trees which have to be retained on site are $64 + 5 = 69$ trees as follows:

- | | | | |
|--|---|---------------------|--------------|
| 1. ITI Ground | - | 59 trees + 01 tree | = 60 trees ✓ |
| 2. Dairy Circle metro Station | - | Nil + 03 trees | = 03 trees |
| 3. Venkateshpura Metro Station | - | 02 trees + Nil | = 02 trees |
| 4. CC-1, Nagawara Metro Station, CC-2 & Ramp | - | 03 trees + 01 trees | = 04 trees |

Total - **64 trees + 05 trees = 69 trees**

3. On verification, it was confirmed that the remaining **207** trees which are proposed for removal by BMRCL, are falling within the following physical features of metro project.

Physical features	Tree Nos.
Trees Coming in diversion roads.	Dairy Circle- 1,2,3,4,5,6,7,8,9,10,11,12,14A&B, 15,16,18,19,20, 21,43,44,45,46 (Total 23 Nos.) Lakkasandra- 25,31,32,33,34,53 (Total 06 Nos.) Venkateshpura station – 06. (Total 1 No's) Nagavara- 10,40,61,62,63,64,65,66-(Total 8 No's)
Trees Coming in Metro Station box, Entry /Exit Areas.	Dairy Circle- 35,36,37,38- (Total 04 Nos.) Lakkasandra- 22,23A&B,24,26,27,28, 29, 47,48,49, 50,51,52,30– (Total 14 Nos) M G Road- 73,74,75,76 ,77 – (Total 05 Nos) Cantonment station- 4,5,6,7-(Total 04 No's)

	Tannery road station-1,2,3,4,5,6,7,8,9,10,11,12, 13,14,15,16,17,18, 19,20,21,22,23,24,25,26, 27,28, 29,30, 1A&B,32,33,34A&B,35A&B,36,37,38, 39,40,41,42, 43,44A&B,45,46. (Total 46 No's) Venkateshapura station- 03 (Total 01 No's) Nagavara station – 18,19,20,21,22,23,24,25,26,27, 28,29,30,31,32, 33,34,35,36,37,38,39,49,50,51,52, 53,54,55,56, 57,58,59. (Total 33 no's)
Trees Coming in Secant Pile Locations.	Dairy Circle -13, 17,42 - (Total 03 Nos.) M G Road -78,79,80,81 - (Total 04 Nos.) Cantonment station – 1,2,3 –(Total 03 No's) Venkateshapura station – 1,2 – (Total 02 No's) K G Halli Station – 1,2,3,4 – (Total 04 No's) Nagavara station – 1,42,43,44,45,46A,B&C,68,69, 70,71A,&B,72,73. (Total 12 No's)
Trees coming in casting / fabrication yard.	ITI College - 8, 9 & 10 (Total – 03 trees)
Trees coming in project activity areas (Movement of TBM machine)	Cantonment station – 8,9,10,11 – (Total 04 No's) Pottery Town station – 1,2,3 – (Total 03 No's) Nagavara station – 74,75,76,77,78-78A,79,80-80A, 81 – (Total 08 No's)
Trees coming in project activity areas (Ramp retaining wall and cut and cover tunnel)	Nagavara station – 1,2,3-3A,4,5,6,7,8,9,11,12,13, 14,15,16,17 – (Total 16 No's)

Since the trees are standing right in the middle of the construction area and hindering the project activities, the TEC concluded that only 05 of the total 212 trees can be retained onsite.

9. **Translocation:** Having concluded that the retention of the above mentioned 207 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 the nearby flyover 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..

- 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 were specifically not recommended for the translocation.

Taking into consideration of the above mentioned assessment attributes, the TEC found that there are 58 number of trees standing at the sites and they are suitable for translocation.

The remaining 149 trees were not found suitable either for retention on site or translocation and hence will have to be felled.

10. **Assessment of sites for translocation:** The TEC visited the following sites for the translocation as proposed by BMRCL and recommended the Tree Officer.

- i. **Bengaluru Co-operative Milk Union Ltd., KMF, Bengaluru**
- ii. **National Dairy Research Institute (NDRI), Bengaluru.**
- iii. **Parade Ground, Cubbon Road, Shivaji Nagar, Bengaluru.**
- iv. **Old Military Dairy Farm, Bellary Road, Hebbal, Bengaluru.**

11. The Committee considered the soil test analysis reports of the above sites as prepared by Department of Soil Science and Agricultural Chemistry, UAS, GKVK, Bangalore and NBSS, Hebbal Bangalore with following inference, copy of which is placed as Annexure-6;

Sl. No.	Location	Soil Analysis Report
1.	KMF, Bengaluru and NDRI, Bengaluru	The four soil samples provided for analysis varies from acidic to slightly acidic in nature, low to medium in salt content and organic carbon content and contain high quantities of major nutrients (N,P,K as per standards). Therefore with proper nutrient application and use of amendments soil is suitable for tree shifting.
2.	Parade ground M G Road	The soil samples provided for analysis varies from neutral to alkaline in nature, low in salt content and organic carbon content and contain low quantities of major nutrients (NP,Kand all other parameters as per standards). Therefore with proper nutrient application and use of amendments soil is suitable for tree shifting.
3.	Old Military Dairy Farm, Bellary Road, Hebbal, Bengaluru	The soil samples provided for analysis varies from neutral to alkaline in nature, low in salt content and organic carbon content and contain low quantities of major nutrients

	(NP,K and all other parameters as per standards). Therefore with proper nutrient application and use of amendments soil is suitable for tree shifting.
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The TEC concurred with the said reports of UAS, Bengaluru and NBSS, Bengaluru and found that translocation of trees can be done in the proposed sites vide para 13 - (i to iv) above with the recommendation of the Tree Officer regarding transplantation of trees after following the advice as rendered by UAS, Bengaluru and NBSS, Bengaluru.

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

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

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

Total number of Trees assessed in the project area	212
Total number of Trees which can be retained on-site	05
Total number of Trees found suitable for translocation	58
Total number of Trees assessed for felling	149

Note: In addition to the 05 trees as mentioned above for retention onsite, another 64 trees which are standing in the project area and not hindering the project activities have to be retained at their present locations.

The translocation methodology should be carried out by competent agencies following the guidelines formulated by UAS, GKVK, a copy of which is placed as Annexure -7.

13. In finalizing its report, the TEC has been guided by the process highlighted in Step-8 of the revised MOP, namely:
- Meticulous scrutiny of recommendations by the Tree Officer in compliance to the MOP;
 - Field inspections to assess each and every tree and record the status of tree and recommendation for its on-site retention / translocation / felling, besides inspecting the four translocation sites stated at para 10 (i-iv) above.

Directions to BMRCL/DCF, BBMP Bengaluru:

14. BMRCL should be advised to raise Compensatory Afforestation on suitable lands in respect of trees to be removed by translocation or felling. For each tree removed, 10 Nos of tall and 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.

Record keeping:

15. 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 suggested in the MOP, especially Template-2 Part-1 to IV, should be maintained carefully.

16. An abstract of the recommendation of the TEC in Template 4 and a detailed statement containing the recommendations with justification for each of the 212 trees covered in the application are appended as Appendix to this report.


Member Secretary of TEC &
Assistant Conservator of Forests
& ACF BBMP, Bengaluru
BBMP, Bangalore

Annexure – 1

ಪತ್ರಿಕಾ ಪತ್ರಟಣೆ

ಈ ಮೂಲಕ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಮತ್ತು ಸುತ್ತಮುತ್ತಲಿನ ಸಮಸ್ತ ನಾಗರಿಕರ ಗಮನಕ್ಕೆ ತರುವುದೇನೆಂದರೆ, ದಕಿಣ ರಾಂಪ್ (ಜಯನಗರ ಅಗಿಞಾಮಕ ಕೇಂದ್ರ) ಇಂದ ನಾಗವಾರ (ರೀಚ್ 6 - ನೆಲದಾಳದ ಮಾರ್ಗ) ಒಟ್ಟು ದೂರ 13.89 ಕಿ.ಮೀ. ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ನಡೆಯುತ್ತಿರುವ, ಮೆಟ್ರೋ ಕಾಮಗಾರಿಗಾಗಿ ಅಡ್ಡ ಬರುತ್ತಿರುವ ಮರಗಳ (ಲಾಂಗ್‌ಫೋರ್ಡ್ ನಿಲಾಣದಲಿವ ಮರಗಳನ್ನು ಹೊರತುಪಡಿಸಿ) ತೆರವಿಗಾಗಿ ಬೆಂಗಳೂರು ಮೆಟ್ರೋ ರೈಲು ನಿಗಮ ನಿಯಮಿತವು ಮನವಿ ಸಲ್ಲಿಸಿದ್ದು, ವಿವರಗಳು ಕೆಳಕಂಡಂತಿರುತ್ತವೆ.

ಯೋಜನೆಯ ಹೆಸರು	ಬೆಂಗಳೂರು ಮೆಟ್ರೋ ಯೋಜನೆಯ ಜಯನಗರ ಅಗಿಞಾಮಕ ಕೇಂದ್ರದಿಂದ ನಾಗವಾರವರೆಗಿನ ರೀಚ್ 6 ರ ನೆಲದಾಳದ ಮಾರ್ಗ.				
ಎಜೆನ್ಡಿಯ ಹೆಸರು	ಬೆಂಗಳೂರು ಮೆಟ್ರೋ ರೈಲು ನಿಗಮ ನಿಯಮಿತ				
ಮರ ತೆರವು ಗೊಳಿಸುವ ಉದ್ದೇಶ	ಮೆಟ್ರೋ ರೈಲು ಕಾಮಗಾರಿಗೆ ಅಡ್ಡ ಬರುತ್ತಿರುವುದರಿಂದ ಮತ್ತು ಸಂಚಾರ ದಟ್ಟಣೆಯನ್ನು ಕಡಿಮೆ ಮಾಡಲು.				
ಯೋಜನೆಯ ಬರುತ್ತಿರುವ ಪಥೇಶದ ನಿರ್ದೇಶಾಂಕಗಳು.	GPS Details of Boundary of area (except Langford Station and All Saints' Church), Total distance of approx. 13.89 Kms				
	Sl.No	Easting	Northing	Latitude	longitude
	1	782187.17	1431049.9	12°55'55.2" N	77°36'2.49" E
	2	784985.18	1443625.50	13°02'43.2" N	77°37'39.6" E
ಯೋಜನಾ ಪಥೇಶದಲ್ಲಿ ಪ್ರಸ್ತುತ ಇರುವ ಮರಗಳು	276 (Annexure-I)		ಮರಗಳ ವಿವರ, ಜಾತಿ, ಮರಗಳಿರುವ ಜಾಗ, ನಕಾಶೆಗಳ ವಿವರಗಳನ್ನು ಬಿಬಿಎಂಪಿ ವೆಬ್‌ಸೈಟ್‌ನಲ್ಲಿ ಮಾಹಿತಿಗಾಗಿ ಒದಗಿಸಲಾಗಿದೆ. (www.bbmp.gov.in)		
ಯೋಜನಾ ಪಥೇಶದಲ್ಲಿ ತೆರವುಗೊಳಿಸಬೇಕಾದ ಮರಗಳು	212 (Annexure-I)				
ಆಕ್ಷೇಪಣೆಗಳನ್ನು ಸಲ್ಲಿಸುವ ವಿಧಾನ	ಸಾರ್ವಜನಿಕರು ನೇರವಾಗಿ/ಇ-ಮೇಲ್/ ಅಂಚೆ ಮುಖಾಂತರ ಈ ಕೆಳಕಂಡವರ ಕಛೇರಿಗೆ ಸಲ್ಲಿಸಬಹುದು. ವಿಳಾಸ: ಅರಣ್ಯ ಉಪ ಸಂರಕ್ಷಣಾಧಿಕಾರಿ (ವೃಕ್ಷ ಅಧಿಕಾರಿ, ಬಿಬಿಎಂಪಿ) ನೆಲ ಮಹಡಿ, ಅನೇಕ್-3 ಕಟ್ಟಡ, ಎನ್.ಆರ್. ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು-560001 Email ID: dcfbbmp12@gmail.com ದಾಖಲೆ ಪತ್ರಗಳನ್ನು ಕೆಲಸದ ಹಿರಿಯರ ಕಛೇರಿಯಲ್ಲಿ ಕೆಲಸದ ವೇಳೆಯಲ್ಲಿ ಪರಿಶೀಲಿಸಬಹುದು.				
ಆಕ್ಷೇಪಣೆಗಳನ್ನು ಸಲ್ಲಿಸಬೇಕಾದ ಅವಧಿ	ಈ ಪತ್ರಟಣೆ ಹೊರಡಿಸಿದ ದಿನಾಂಕದಿಂದ 10 ದಿನಗಳೊಳಗಾಗಿ. ಸೂಚನೆ: ಆಕ್ಷೇಪಣೆಗಳು ಪ್ರಸ್ತಾಪಿತ ಯೋಜನೆಗೆ ಮಾತ್ರ ಸಂಬಂಧಿಸಿರಬೇಕು.				

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

ಉಪ ಅರಣ್ಯ ಸಂರಕ್ಷಣಾಧಿಕಾರಿ,
(ವೃಕ್ಷ ಅಧಿಕಾರಿ, ಬಿಬಿಎಂಪಿ)
ಬೆಂಗಳೂರು

12

Public Notice

No. DCF / PR -28/2020-21

Date: 26.11.2020

This is to bring to notice of all citizens of Bengaluru that Bangalore Metro Rail Corporation Limited (BMRCL) has submitted the application to the undersigned for removal of trees between **South Ramp (Jayanagar Fire Station) to North Ramp (Nagawara)** except Langford Station, Reach 6 (UG) for a length of 13.89 Kms. Details are given below:

Name of the Project	Construction of Underground Metro Tunnel and Stations between South Ramp (Jayanagar Fire Station) to Nagawara, Reach 6 (UG).				
Agency Name	Bangalore Metro Rail Corporation Limited				
Purpose for removal of tree(s)	Infringing Construction Activities of Metro Rail Project and Traffic Movement.				
Description of the area with clear demarcation of boundaries or with GPS readings	GPS Details of Boundary of area (except Langford Station and All Saints' Church), Total distance of approx. 13.89 Kms				
	Sl.No	Easting	Northing	Latitude	longitude
	1	782187.17	1431049.9	12°55'55.2" N	77°36'2.49" E
	2	784985.18	1443625.50	13°02'43.2" N	77°37'39.6" E
Enumeration of trees 1. Total no trees standing in the project area 2. Total no. of trees proposed to be removed	276 (Annexure-I) 212 (Annexure-II)	Description of Trees, species, location, Area Map etc are uploaded in the website of BBMP for information of all. (www.bbmp.gov.in)			
Mode of communication of comments	Public can send their comments either by E-mail / Post / Hand. Address: The Deputy Conservator of Forest (Tree Officer, BBMP) Ground Floor, Annex-3 Building, N.R. Square, Bangalore-560001. Email ID: dcfbbmp12@gmail.com The documents can be verified in the office of the undersigned during office hours.				
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 and objections invited from all citizens in terms of section 8 (3)(vii) of The Karnataka Preservation of Tree Act 1976.


Deputy Conservator of Forests
(Tree Officer, BBMP)
Bangalore



ಕನ್ನಡಪ್ರಭ

ಶುಕ್ರವಾರ 27.11.2020



ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಉಪ ಅರಣ್ಯ ಸಂರಕ್ಷಣಾಧಿಕಾರಿಗಳ ಕಛೇರಿ, ಎಸ್.ಆರ್.ಸ್ಟ್ರೀಟ್, ಅನೇಕ್ ಕಟ್ಟಡ-1, ಬೆಂಗಳೂರು

ನಂ. DCF/PR/27/2020-21

ದಿನಾಂಕ: 26.11.2020

ಸಾರ್ವಜನಿಕ ಪ್ರಕಟಣೆ

ಈ ಮೂಲಕ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಮತ್ತು ಸುತ್ತಮುತ್ತಲಿನ ಸಮೃದ್ಧ ನಾಗರಿಕರ ಗಮನಕ್ಕೆ ತರುವುದೇನೆಂದರೆ, ದಕ್ಷಿಣ ಝಾಂಜ್ (ಜಯನಗರ ಅಗ್ನಿಶಾಮಕ ಕೇಂದ್ರ) ಇಂದ ನಾಗವಾರ (ರೀಜ್ 6 - ನೆಲದಾಳದ ಮಾರ್ಗ) ಒಟ್ಟು ದೂರ 13.89 ಕಿ.ಮೀ. ಹ್ಯಾಂಡಿಯಲ್ಲಿ ನಡೆಯುತ್ತಿರುವ, ಮೆಟ್ರೋ ಕಾಮಗಾರಿಗಾಗಿ ಅಡ್ಡುಬಿಡುತ್ತಿರುವ ಮಾರ್ಗ (ಝಾಂಜ್-ರೀಜ್ 6 ನಿಲ್ದಾಣದಲ್ಲಿ ಮಾರ್ಗವನ್ನು ಹೊರತುಪಡಿಸಿ) ತೆರವಿಗಾಗಿ ಬೆಂಗಳೂರು ಮೆಟ್ರೋ ರೈಲು ನಿಗಮ ನಿಯಮಿತವು ಮನವಿನಲ್ಲಿಯೂ ವಿವರಗಳು ಕೆಳಕಂಡಂತಿರುತ್ತವೆ.

ಯೋಜನೆಯ ಹೆಸರು	ಬೆಂಗಳೂರು ಮೆಟ್ರೋ: ಯೋಜನೆಯ ಜಯನಗರ ಅಗ್ನಿಶಾಮಕ ಕೇಂದ್ರದಿಂದ ನಾಗವಾರವರೆಗಿನ ರೀಜ್ 6 ರ ನೆಲದಾಳದ ಮಾರ್ಗ.			
ವಿವರಣೆಯ ಹೆಸರು	ಬೆಂಗಳೂರು ಮೆಟ್ರೋ: ರೈಲು ನಿಗಮ ನಿಯಮಿತ			
ಮರ ತೆರವು ಗೊಳಿಸುವ ಉದ್ದೇಶ	ಮೆಟ್ರೋ: ರೈಲು ಕಾಮಗಾರಿಗೆ ಅಡ್ಡು ಬಿಡುತ್ತಿರುವುದರಿಂದ ಮತ್ತು ಸಂಚಾರ ದಟ್ಟಣೆಯನ್ನು ಕಡಿಮೆ ಮಾಡಲು.			
ಯೋಜನೆ ಬಿಡುಗಡೆಯಾದ ಪ್ರದೇಶದ ವಿವರಣಾಂಶಗಳು.	GPS Details of Boundary of area (except Langford Station and All Saints' Church), Total distance of approx. 13.89 Kms			
	Sl. No.	Easting	Northing	Latitude
	1	782187.17	1431049.9	12°55'55.2" N
ಯೋಜನಾ ಪ್ರದೇಶದಲ್ಲಿ ಪ್ರಸ್ತುತ ಇರುವ ಮಾರ್ಗಗಳು	2	784985.18	1443625.50	13°02'43.2" N
	276 (Annexure-I) ಮಾರ್ಗಗಳ ವಿವರ, ಜಾತಿ, ಮಾರ್ಗಗಳಿರುವ ಜಾಗ, ನಕಶೆಗಳ ವಿವರಗಳನ್ನು ಬಿಬಿಎಂಪಿ ವೆಬ್‌ಸೈಟ್‌ನಲ್ಲಿ ಮಾಹಿತಿಗಾಗಿ ಒದಗಿಸಲಾಗಿದೆ.			
ಯೋಜನಾ ಪ್ರದೇಶದಲ್ಲಿ ತೆರವುಗೊಳಿಸಬೇಕಾದ ಮಾರ್ಗಗಳು	212 (Annexure-I) (www.bbmp.gov.in)			
ಅಕ್ಷೇಪಣೆಗಳನ್ನು ಸಲ್ಲಿಸುವ ವಿಧಾನ	ಸಾರ್ವಜನಿಕರು ನೇರವಾಗಿ/ಉಪ-ಮೇಲ್/ಅಂಚೆ ಮುಖಾಂತರ ಈ ಕೆಳಕಂಡವರ ಕಛೇರಿಗೆ ಸಲ್ಲಿಸಬಹುದು. ವಿಳಾಸ: ಅರಣ್ಯ ಉಪ ಸಂರಕ್ಷಣಾಧಿಕಾರಿ (ವೃಕ್ಷ ಅಧಿಕಾರಿ, ಬಿಬಿಎಂಪಿ) ನೆಲ ಮಹಡಿ, ಅನೇಕ್-1 ಕಟ್ಟಡ, ಎಸ್.ಆರ್.ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು-560001. Email ID: dcfbbmp12@gmail.com ಯಾವುದೇ ಪತ್ರಗಳನ್ನು ಕೆಳಕಂಡವರ ಕಛೇರಿಯಲ್ಲಿ ಕಛೇರಿ ಕೆಲಸದ ವೇಳೆಯಲ್ಲಿ ಪರಿಶೀಲಿಸಬಹುದು.			
ಅಕ್ಷೇಪಣೆಗಳನ್ನು ಸಲ್ಲಿಸಬೇಕಾದ ಅವಧಿ	ಈ ಪ್ರಕಟಣೆ ಹೊರಡಿಸಿದ ದಿನಾಂಕದಿಂದ 10 ದಿನಗಳೊಳಗಾಗಿ. ಸೂಚನೆ: ಅಕ್ಷೇಪಣೆಗಳು ಪ್ರಸ್ತಾವಿತ ಯೋಜನೆಗೆ ಮಾತ್ರ ಸಂಬಂಧಿಸಬೇಕು.			

ಮೇಲ್ಕಂಡ ಪ್ರದೇಶದಲ್ಲಿ ಮಾರ್ಗವನ್ನು ತೆರವುಗೊಳಿಸುವ ಸಂಬಂಧ ಸಾರ್ವಜನಿಕರ ಅಕ್ಷೇಪಣೆ/ ಸಲಹೆಗಳಿದ್ದಲ್ಲಿ ಕರ್ನಾಟಕ ವೃಕ್ಷ ಸಂರಕ್ಷಣಾ ಕಾಯಿದೆ 1976 ಸೆಕ್ಷನ್ 8(3)(vi) ಪ್ರಕಾರ ಸೂಚನೆಗಳನ್ನು ನೀಡಲು ಆಹ್ವಾನಿಸಲಾಗಿದೆ.

ಸಹಿ/- ಉಪ ಅರಣ್ಯ ಸಂರಕ್ಷಣಾಧಿಕಾರಿ, (ವೃಕ್ಷ ಅಧಿಕಾರಿ, ಬಿಬಿಎಂಪಿ), ಬೆಂಗಳೂರು

ಮಹಾನಗರ ಪಾಲಿಕೆ - ಗಣಪತಿಪುರ ವಿಧಾನಸಭಾ ಕ್ಷೇತ್ರ, ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು, ಕರ್ನಾಟಕ



ಮಹಾನಗರ ಪಾಲಿಕೆ



ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ



ಕೃಷಿ ಮತ್ತು ಪಶುಪಾಲನೆ



BRUHAT BENGALURU MAHANAGARA PALIKE

Office of the Deputy Conservator of Forests,
N.R. Square, Annexe Building-3, Bengaluru.

No. DCF/PR/27/2020-21

Dated 26.11.2020

PUBLIC NOTICE

This is to bring to notice of all citizens of Bengaluru that Bangalore Metro Rail Corporation Limited (BMRCL) has submitted the application to the undersigned for removal of trees between South Ramp (Jayanagar Fire Station) to North Ramp (Nagawara) except Langford Station and All Saints' Church, Reach 6 (UG) for a length of 13.89 Kms. Details are given below:

Name of the Project	Construction of Underground Metro Tunnel and Stations between South Ramp (Jayanagar Fire Station) to Nagawara, Reach 6 (UG).				
Agency Name	Bangalore Metro Rail Corporation Limited				
Purpose for removal of tree(s)	Infringing Construction Activities of Metro Rail Project and Traffic Movement.				
Description of the area with clear demarcation of boundaries or with GPS readings	GPS Details of Boundary of area (except Langford Station and All Saints' Church), Total distance of approx. 13.89 Kms				
	Sl.No	Easting	Northing	Latitude	longitude
	1	782187.17	1431049.9	12°55'55.2" N	77°36'2.49" E
	2	784985.18	1443625.50	13°02'43.2" N	77°37'39.6" E
Enumeration of trees 1. Total no. trees standing in the project area 2. Total no. of trees proposed to be removed	276 (Annexure-I) 212 (Annexure-II)		Description of Trees, species, location, Area Map etc are uploaded in the website of BBMP for information of all. (www.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 (Tree Officer, BBMP) Ground Floor, Annex-3 Building, N.R. Square, Bengaluru-560001. Email ID: dcfbbmp12@gmail.com The documents can be verified in the office of the undersigned during office hours.				
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 and objections invited from all citizens in terms of section 8 (3) (vii) of The Karnataka Preservation of Tree Act 1976.

Sd/- Deputy Conservator of Forests, (Tree Officer, BBMP), Bengaluru.

COVID-19 - DON'T SPREAD RUMOURS. ACT RESPONSIBLY, AVOID INFECTION-NOT THE INFECTED.



Wear Mask



6 Feet
Follow Physical Distancing



Maintain Hand Hygiene

Annexure – 2


Proceedings of Tree Officer & DCF, BBMP

Subject: Objections / Suggestions from the public regarding removal of trees from South Ramp (Jayanagar Fire Station) to North Ramp (Nagawara) for a length of 13.89 Kms.

Case / Application No. BMRCL/0163/P-2/CE-UG/RT-01/BBMP/2020/7701 **Date** 25.11.2020

1. Bangalore Metro Rail Corporation (BMRCL) had applied on **25 Nov 2020** under section 8(2) and 8(3)(vii) of the Karnataka Preservation of Trees Act (henceforth mentioned as the Act) seeking permission to remove **212 trees** from the area of **South Ramp (Jayanagar Fire Station) to North Ramp (Nagawara) for a length of 13.89 Kms, Reach-6, UG.**
2. A public notice was issued on **26.11.2020**, 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 **Kannada Prabha** and **Time of India**, Newspapers on **27.11.2020**. The details of the project area, total number of trees, to be removed, GPS coordinates and physical details of those trees were also uploaded on the website **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 Public notice, **61** objections / suggestions were received. Those include exploring possibility of change of alignment to save trees, holding a public meeting, calling objections after publishing the tree expert committee's report, excluding traffic movement infringement from scope of the metro project, deciding the removal based on heritage value and age of trees, and allowing felling of trees after exhausting all other options. One objector in particular has misunderstood that all trees in the project area number **276 trees** are to be felled, whereas the proposal is for felling of **212 trees** only.
4. These objections have been considered carefully. Regarding the possibility of change in the alignment, discussions were held with BMRCL engineers. The change in the alignment is neither feasible nor practical. The widening of the road or construction of the diversion road are integral parts of the metro project. The trees sought to be removed for infringing the traffic movement have been identified in consultation with the Traffic Police and BBMP. As per the Act and the procedure formulated by the TEC, the objections are to be called at the first stage itself and not after preparation of the report. The assessment to decide suitability for translocation is done based on several factors which do not require precise estimation of the age. Further, heritage value is an amorphous term for the present context. The specific remarks and findings for the **61** objections are contained in the **Annexure** to these proceedings.
5. In all cases of tree removal, the first attempt would be to translocate, as feasible and practical based on the objective assessment and expert opinion. Only thereafter, option of felling will be taken up. The extent of compensatory plantation would be in ratio of **1:10**.
6. The suitability of each tree for on-site retention or translocation should be assessed through inspection of each tree and the findings along with these proceedings should be placed before the Tree Expert Committee.

Date: -24.02.2021


 (.....**TREE OFFICER**.....)
 Tree Officer
DEPUTY CONSERVATOR OF FORESTS
 DEPUTY CHIEF, BANGALORE METRO RAIL CORPORATION, BBMP
 BANGALURU.

BENGALURU.
BRUHAT BANGALORE MAHANAGARA PALIKE
&
DEPUTY CONSERVATOR OF FORESTS
TREE OFFICER

Annexure

Remarks of Tree Officer to the objections received from the public in R6-UG Section area			
Sl. No	Name & Date	Objection from Public	Remarks and findings of Tree Officer
1.	Poornima Shanbhogue shanbhoguepoornima@gmail.com 06.12.2020	I don't have objection to cut trees for Bangalore Metro Rail Project. Metro project is very useful. Delhi Metro Rail is adding around 20Km per year. Bangalore metro has added only 42KM in last 14 years i.e just 3Km per year. If land is not cleared for working, project can not go ahead. Trees are important. BMRCL is a responsible government organization and why it will cut additional trees? If at all it cuts additional trees, what will be the number? 5? 10? Can the entire project be stalled just to save 10 trees? Will it not deprive a large population from availing metro facility? I feel that constructing metro will benefit a large population and cutting a few trees is very much worth. Bangalore has very conducive climate for tree growth and saplings can grow fast. The area utilized by Metro Project in front of Vidhana Soudha and Karnataka High Court are enough green now. Similarly, station near City Civil Court. The fact that Metro Services can not be suspended for a single day without putting people of Bangalore to hardship reveals that metro should be completed quickly. I request you to permit cutting trees on priority so that large number of Bangalorians are benefited.	The observation is noted. The attempt is to mitigate the impact of tree removal.
2.	hari hara kumar	This tree cutting is playing a predominant role in the development	The observation is noted.

	<harihara 405@gmail. com> 02.12.2020	of Bengaluru. Huge amount of public/ government money being invested in infrastructure projects. Even can avoid the prolonging inconvenience to the public by cutting the trees immediately which may help the public by completing projects in time.	
3.	NsN Co. <shankcoo 1007 @gmail. com> 30.11.2020	Kindly confirm and respond to requisite action for (Attached the images of Public notices of R5 P3, R6 UG, Benniganahalli)	No specific objection has been made.
4.	Tejas hegde Doddaiiah <tejashegde. doddaiiah @gmail.com>	Without trees, the pollution and weather is going to affected badly, there needs to be some alternate solution to solve this, else worse days coming ahead for all here, and everybody would have to use the masks forever... Find other path for metro please don't cut tress	BMRCL is being directed to take up translocation, as feasible and practical, and compensatory plantation in ratio of 1:10.
5.	SURESH PATNAIK <suresh patnaik @outlook. com> 29.11.2020	Hi Team We believe, you are working hard to complete the metro project and working on challenge. My opinion tree 🌳 issue, that if possible please have responsibilty 500 trees of some other place and share some % revenue to develop tree some other place. Metro should not stop and project should continue.	BMRCL is being directed to take up translocation, as feasible and practical, and compensatory plantation in ratio of 1:10.
6.	Mohammed Shameem <shamypnr @gmail.com> 29.11.2020	do support the quote people can survive without metro but not without trees!!	BMRCL is being directed to take up translocation, as feasible and practical, and compensatory plantation in ratio of 1:10. Tree removal is taken up only when essential.
7.	Karthik R <karthik.17r @gmail. com> 29.11.2020	My native is Andhra Pradesh. I stay here from the past 8ycars. Back to 5years Bangalore was Most beautiful and cool city. Its beauty is getting worsen day by day due to	Tree removal is sought to develop a sustainable mode of public transport with very large

		<p>deforestation. When i came to Bangalore i see more trees and feel like Bangaloreans are free from pollution becuz of trees.</p> <p>Since 5years technology has been developed drastically by destroying natures best resource.</p> <p>I don't want Bangalore to be next Delhi. I request you</p> <ul style="list-style-type: none"> - to implement advanced technology to develop resource without deforestation. - build any protection nets to avoid trees from falling. <p>Please note that its our responsibility to give the same nature to our future generations given by our forefathers. Also Trees are shelter for many species and birds.</p> <p>Please consider this request and stop cutting Trees for Technology development.</p> <p>Thanks for understanding.</p>	<p>economic benefits. It is not for any private project.</p> <p>All efforts are made to mitigate the impact by taking up translocation, as feasible and practical, and compensatory plantation.</p>
8.	<p>anand babu <anandbabu.Achilles@gmail.com> 29.11.2020</p>	<p>Please don't cut the trees. Please find some other alternative like longer station and not wider ones and the trains stops there more minutes in different areas.</p>	<p>Station locations and layout are chosen as per the metro design norms to provide sustainable mode of transport.</p>
9.	<p>manasa peddi <manasa.peddi8@gmail.com> 29.11.2020</p>	<p>Please do not fell trees just for the sake of metro lines. Always there will be reasons for felling but there are also many reasons for not doing it. Instead please do transplant to a different location.</p>	<p>BMRCL shall be directed to take up translocation, as feasible and practical, and compensatory plantation in ratio of 1:10.</p>
10.	<p>Sandeep S <653sandeep@gmail.com> 28.11.2020</p>	<p>I would like to express my unacceptable for this project. The details of the trees that will be felled is missing. The fact that even if the trees are felled, there is no mention of transplant of said trees or replenishing of green cover in the affected area.</p> <p>A tree takes decades to grow, provides shade and oxygen for humans and welfare for birds in its entire lifetime and asks for ABSOLUTELY NOTHING in return.</p>	<p>The details have been made available on BBMP's website.</p> <p>BMRCL shall be directed to take up mitigation measures like translocation and compensatory plantation.</p>

11.	Uday Bhandary <ubhandary27@gmail.com> 28.11.2020	We would appreciate your support and set an example for rest of states that Bangalore will remain Garden city and with due respect as a citizen of Bangalore I would certainly does not like atleast few small area to be in danger of cutting trees which took years together. Instead to have underground as a solution and complete dream project for Bangalore and be part of this success is what we would like to appreciate.	The removal of these trees is required primarily for construction of underground stations only.
12.	maggie adidas <maggie.adidas@gmail.com> 29.11.2020	Please do not cut trees for the metro. Try for options without cutting trees. If there is no green cover, people will migrate out of Bangalore and with much lesser population, there would be no need for a metro itself. The amount of trees are significantly lower now and needs to be actually increased.	BMRCL shall be directed to take up translocation, as feasible and practical, and compensatory plantation in ratio of 1:10.
13.	vishal ravi <vishalravi.kumar@gmail.com> 29.11.2020	Please do not cut trees for the metro. Try for options without cutting trees. Make a rule that for every tree that is cut, 5 need to be planted and taken care for ten years. If there is no green cover, people will migrate out of Bangalore and with much lesser population, there would be no need for a metro itself. In the interest of Bengaluru, please ensure green cover is similar to a benchmark year like 2000. the amount of trees are significantly lower now and needs to be actually increased. Please increase FSI for real estate. This will solve most issues as buildings will take less space and we can use land for other purposes like road, park, metro etc. This can then be done without cutting trees.	While a change in the alignment is not possible, the suggestion to take up compensatory plantation is well accepted.
14.	Mahima Venkatesh <mahima0406@gmail.com> 29.11.2020	Please do not cut trees for the metro. Try for options without cutting trees. Metro is utter waste anyway as the connectivity is not great. Now there are bus lanes too, please do not cut trees for metro.	Metro provides a sustainable mode of public transport, and is needed for the city. The adverse impact of removal of trees is sought to be mitigated by translocation of trees, as feasible

		<p>If there is no green cover, people will migrate out of Bangalore and with much lesser population, there would be no need for a metro itself.</p> <p>The amount of trees are significantly lower now and needs to be actually increased.</p>	<p>and practical, and compensatory plantation.</p>
15.	<p>Anup jain <15avm.j@gmail.com> 29.11.2020</p>	<p>We never want our wealth(green trees) to be demolished And provide us just concrete jungles! Undoubtedly,we require metro but with no harm to trees and green! They(trees) are life and let's be another illustration to the world that bbmp is the best and take care of nature as well as citizens voice. Thank you! A citizen of BHARAT!</p>	<p>While a change in alignment is not possible, BMRCL shall be directed to take up mitigation measures like translocation and compensatory plantation.</p>
16.	<p>Shahnawaz Mohammed <shahnawaz637de@gmail.com> 29.11.2020</p>	<p>Respected BMRCL , please try your best not to cut these trees , but uproot them and Transport them to a place where they can be replanted , the costs might be high but they are worth it and 200 trees is no less number</p>	<p>Possibility of translocation is considered first, and felling is permitted only when the translocation is not practical. Compensatory plantation is taken up in both cases.</p>
17.	<p>भव्य गोयल <bhavygoya10987654321@gmail.com> 29.11.2020</p>	<p>Recently the government pushed out a notice seeking opinion of people regarding tree cutting for metro project Since metro is essential for economic growth and connectivity of city In my opinion we shall come up with metro roof planting and also follow delhi model for covering the pillars and walls with plants in a aesthetically feasible manner. Also metro shall be directed to to do the same in future coming up metro extension irrespective of conditions. Also there can be short trees and bushes with abundant crowding under the metro line vacant area. Also regular water supply to trees and plants shall be insured. In my opinion instead of cutting trees we shall relocate trees to a good place and ensure that they are well placed. 17In my view if all my suggestions are considered then this project will</p>	<p>The suggestion for planting small trees on the median is well accepted.</p> <p>The provision of green cover on the piers may not be a good option.</p> <p>BMRCL shall be directed to take up mitigation measures like translocation, as feasible and practical, and compensatory plantation.</p>

		meet sustainable development definition.	
18.	Sushma N <sushma.nb5@gmail.com> 29.11.2020	I sincerely request you not to allow the felling of any tree in our Bangalore City. As you know, our city is already struggling for breathing space. Growing trees is the only way out. It's fine and bearable if the metro construction takes a little longer. But we cannot survive without there well grown trees. Once again I kindly request you not to allow any felling of trees in our city.	The positive impact of metro by way of sustainable mode of transport by reducing pollution, road congestion and economic losses is far larger than the adverse impact of removal of trees. However, BMRCL shall be directed to take up translocation, as feasible and practical, and compensatory plantation to mitigate that adverse impact.
19.	Blu <shamala.kittane@gmail.com> 30.11.2020	Considering that Covid has drastically altered how people move, work and the use of roads and public transport., its pointless to continue losing precious resources with the presumption that everything is going to return to pre-covid situation. Metros are running practically empty and its already a colossal waste of resources while it is at its suboptimal operation. This is a hasty decision and absolutely not necessary at this time. We need the trees and some clean air more than anything else (always!) Metro has always been over enthusiastic about cutting trees and BBMP doesnt care less anyways. Classic Nanda Road case, where first thing Metro wanted to do was cut trees, but the trees on Nanda road are still standing and Metro runs alongside. In any case as mentioned already this is no urgent requirement, lots of public money is going waste just operating the Metro running way below its intended carrying capacity - we do not need to add to the losses by cutting trees and this loss cannot be made up for ever!	It will not be a correct assumption that metro as sustainable mode of public transport will not be needed in the post-pandemic period. The tree removal is permitted only when essential for the public project.
20.	Shafi Ahmed Kumbari <shafi.ahmed.kumbari>	This email is in regards with the below link, requesting you not to cut any tree in Bangalore for the sake of Metro Project/any kind of	The change in alignment is not feasible as per discussions held with BMRCL. The removal of these trees has been sought

	@gmail. com> 29.11.2020	<p>transportation project just in the name of development.</p> <p>Trees are essential part of our life especially for our Bangalore which is known to be Garden City. As we all know trees reduce air pollution.</p> <p>Either find an alternative route for the project such that trees live or place Metro Project underground.</p> <p>If you find trees on the way of alternative route too, instead of cutting it you can uprooted it and plant in another empty area (nearby) by using infrastructure so that the same tree lives long and give us shelter.</p>	<p>primarily for construction of underground metro stations only.</p> <p>The suggestion regarding translocation of trees is accepted and the same is part of the procedure formulated by the Tree Expert Committee.</p>
21.	DILIP GOKULA PATI <gokuldilip. official @gmail. com> 28.11.2020	<p>I have only one request, and it is if we are going to cut trees then let's plant them in some safe place. If we neglect this action now, there will be no future! Please I know you can understand what I'm telling here. I believe only you have the complete power to do anything so please show mercy!</p>	<p>Suggestion regarding translocation of trees is well accepted.</p>
22.	Ansar KM <ansar.akm @gmail. com> 28.11.2020	<p>Please don't cut even 1 tree also for any metro work.</p>	<p>The positive impact of metro on the environment is much larger than the adverse impact arising out of removal of few trees.</p>
23.	apoorva john <apoorva john09 @gmail. com> 28.11.2020	<p>I am Ar. Apoorva John here, I write this email to with regards to cutting down trees for the construction of metro in Bangalore, as we know that it might be necessary for the city's transportation, i sincerely wish we can do it without cutting trees in the same manner as the other construction has been done so far. As an architect I find it very important to sustain this city for the future generations thus please do consider the impact this is going to cause.</p> <p>Please do consider my appeal thank you</p>	<p>For constructing metro as a sustainable mode of transport, removal of few trees is essential. However, care has been taken to first explore possibility of translocation and allow felling only when a translocation is not possible. Nevertheless, BMRCL is being directed to take up compensatory plantation.</p>
24.	Susanth K <inosusanth @gmail. com>	<p>Stop felling of trees for metro work.</p>	<p>Removal of trees for construction of metro is permitted when onsite retention is not possible.</p>

	28.11.2020		
25.	<p>jemima john <jemima john16 @gmail. com> 28.11.2020</p>	<p>This is Jemima here, Assistant Manager from a leading Insurance company. I write this to you with regards to cutting down off trees for metro.</p> <p>I would request BBMP to stop cutting down the trees. I understand our population is growing and we need different mode transportation. At the same time we should also keep a check on the environmental impact to the society. If not metro we can still travel by other modes of transportation but we will not get oxygen or air from other modes.. 200+ trees is a huge number. Let we all built a better environment to our future fellow beings.</p> <p>Please consider.</p>	<p>Private modes of transport lead to very large amount of pollution, road congestion and economic losses. On the other hand, metro project provides a sustainable mode of public transport.</p>
26.	<p>jemima john <jemimaj ohn16 @gmail. com> 28.11.2020</p>	<p>I just came across the article where more than 200 trees are going to be cut off for metro. I do appreciate the effort being put out to make transport easy, but killing the mother nature is totally unfair.</p> <p>It's our sole responsibility to consider sustainable development and make the environment greener and healthier for the coming generation. Cutting off the trees is like killing our next generation to come.</p> <p>Just the thought of it breaks my heart.. Please consider.</p> <p>Bangalore, also referred to as Bengaluru, is the capital of the Indian state, Karnataka. Bangalore is nicknamed the "Garden City".</p> <p>A study conducted by IISc predicts that Bengaluru will become a dead city in five years. In this writer's opinion, we have already reached that point.</p> <p>What was once the Garden City can no longer be called that. It's a concrete jungle filled with dust and choked with vehicle exhaust. Water bodies have disappeared, trees have been cut down to make way for</p>	<p>BMRCL is being directed to take up translocation as the first option, wherever feasible and practical, and also take up compensatory plantation in ratio of 1:10.</p>

		<p>buildings. The city has expanded outwards with little planning. Roads are poorly maintained and inadequate; groundwater levels are plunging due to over-exploitation; and there is no drainage of which to speak.</p> <p>I humbly and sincerely request along with my family not to cut down the trees and look out for better planning and alternate options to continue the work.</p>	
27	<p>Mahima V <mahima.vishal0406@gmail.com> 29.11.2020</p>	<p>The beauty of bangalore is the tree cover.</p> <p>Already in koramangala so many trees were cut for the construction of a flyover near sony signal and st.johns which is of no use and never ending project.</p> <p>Please dont start another failure project. That is all</p>	<p>Metro is not a failure project as it provides sustainable mode of transport to almost 5 lakh passenger boarding every day. The positive impact of metro on the environment is far larger than the adverse impact arising due to removal of few trees.</p>
28	<p>Subitsha Prabhakaran 08.12.2020</p>	<p>We really appreciate that you are saving the trees on the Metro Project on Nagavara and Jayanagar PROJECTS.</p> <p>As an environmental lover we need both metro Development and at the same time we Need a lot of Trees in Bangalore.</p> <p>So please plan your development activity along with planting more trees in and around Bangalore</p> <p>Try to save the Trees By doing Transplanting or Plant 10 times more trees. So we can save our environment.</p>	<p>During the project planning stage itself, BMRCL tries to minimize the need for tree removal.</p> <p>Tree removal is permitted only when necessary.</p> <p>Compensatory plantation in ratio of 1:10 is taken up for all the trees removed from their present location.</p> <p>The company is also directed to take up translocation of trees, as feasible and practical.</p>
29	<p>Prabhakaran Asian landscapes 08.12.2020</p>	<p>We came to know that there are lot of trees to be in the metro construction area at south ramp fire station and north ramp nagawara. As we are public we know the importance of development activity for the metro construction and also importance of the trees at</p>	<p>The suggestion is well accepted. While developing metro as a convenient, efficient, safe and sustainable mode of public transport, it is responsibility of BMRCL to ensure that any adverse impact on the environment by way of absolutely</p>
30	<p>Subramanian Prabhakaran 08.12.2020</p>		

		<p>construction site. Better you can transplant the trees or in worst cases you can cut the trees but we should plants more trees wherever we can find the palce like colleges, schools and parks. We know the one and only trees are giving oxygen in the world.. We are living because of the trees.</p> <p>Transplant the trees. Transplant the world.</p>	<p>essential removal of trees is minimized.</p> <p>BMRCL will be directed to take up compensatory plantation in ratio of 1:10.</p>
31	Nayana Ashwath 10.12.2020	<p>As we all know Bangalore is one the fastest growing cities in India where most of the people move to Bangalore due to greenery and climate. Due to the fastest development in the IT field, population has increased gradually. The usage of Personal Vehicles has predominantly increased with this, the pollution from vehicles increasing day to day in Bangalore. To control this we have to use public transport so that traffic and pollution can be controlled. Metro is one of the best Public Transport in aspects like it is eco- friendly, High Capacity Carries and faster. As we also need to Keep our City Green we request you before giving permission to cut the trees please Order to Plant tree in 1:5 ratio and to adopt vertical Plantation as did in Delhi Metro (Attached Photo Below) so that we can balance the greenery in the City.</p>	<p>The suggestion is well accepted. BMRCL shall be directed to take up compensatory plantation in ratio of 1: 10 for every tree permitted to be removed.</p>
32	Prashant Kulkarni 08.12.2020	<p>People living near existing Metro stations (Purple line and Green line) are benefitted by travelling in Metro trains. Every person using Metro Train saves at least 2 hours every day. He/She can spend that time in their own way like carrying out higher studies, going to Gym, spending time with family etc. If tree cutting is permitted early, Metro can start to ITPL, Electronic city, Nagawara and Airport in time and more people can get benefit. Metro</p>	<p>BMRCL's applications are being processed strictly as per the process formulated by the Tree Expert Committee, which has been constituted as per directions of Hon'ble High Court.</p>
33	Sathya 07.12.2020		

		<p>Engineers are competent to decide which tree to be cut and which to be retained.</p> <p>I request you to grant early permission to cut trees for Metro work in the interest of the public so that many are benefitted.</p>	
34	Rachana Pbabu 07.12.2020	<p>In reference to your Public Notice published in Newspaper on 26.11.2020, As a resident of Bangalore, by looking at the current public transport infrastructure facility and growing traffic condition in and around Bangalore, I strongly feel that we need to encourage public transport system like metro. With change in current demographic condition of Bangalore and future trend, Metro project is the need of the hour and it is due from long time. With growing environmental concerns, due to rising pollution level, as evident from past few years, road transport is worst and notified in news with worst rating.</p> <p>Being the Garden City of India, Bangalore, as a Bangalorean our heart goes out while taking out the greenery from the city, however, facilitating healthy transport infrastructure in Bangalore definitely reduce greenhouse gases, which will improve health condition of Bangalore.</p> <p>Hereby, I request you to Kindly consider above proposal in support of BMRCL Phase 2 Metro to develop Namma Bengaluru.</p>	<p>BMRCL shall be directed to take up compensatory plantation in ratio of 1:10. While scrutinizing the applications, efforts are made for on-site retention of trees, if possible, or else to take-up translocation of trees, as feasible and practical.</p>
35	krishnan veena 06.12.2020	<p>Please find attached the objections to the Public Notice dated 26/11/2020 bearing No.DCF/PR/27/2020-21. Re: Proposed felling of 212 trees for the Bangalore Metro Project 04/12/2020</p>	



	<p>At the outset, we would like to commend the diligence shown by your goodself by adhering to the applicable process and making sure that a detailed public notice was issued in respect of the captioned matter.</p> <p>We refer to the public notice dated 26/11/2020 with regard to the proposed tree felling for the construction of Underground Metro Tunnel and Stations between South Ramp (Jayanagar Fire Station) to Nagavara, Reach 6 (UG) by Bangalore Metro Rail Corporation Limited ("BMRCL"), wherein the purpose of removal of trees has been denoted as "infringing construction activities of metro rail project and traffic movement".</p> <p>We would like to submit that BMRCL does not have jurisdiction over management or regulation of traffic movement in the city of Bangalore and therefore would not be entitled to seek the felling of trees on the ground of the trees "infringing traffic movement".</p> <p>As you are aware, pursuant to the judgment of the High Court of Karnataka in the Public Interest Litigation petition filed by Dattatreya M Devare and Bangalore Environment Trust, the High Court directed the State Government, the Forest Department, the Bangalore Urban District Tree Authority, the BBMP, BMRCL and BESCOM to constitute a committee consisting of experts of environment, science, technology and related fields for the preservation of trees. The High Court also held that the Tree Authority/Expert Committee constituted pursuant to the directions of the High Court should submit in writing the procedure and criteria for arriving at the number and type of</p>	<p>During the construction stage, BMRCL needs to undertake road diversion at several places. Further, the down and up ramps of the viaduct and entry and exit sections of the tunnel require construction of roads or new lanes on a permanent basis.</p> <p>At several locations, BMRCL is tasked to undertake widening of roads and construction of footpaths as activities complementary to the metro project. Some of the tree removal is for the above mentioned activities.</p> <p>The application for removal of tree is being processed strictly as per the memorandum of procedure (MOP) set out by the Tree Expert Committee. The MOP has been accepted by the High Court in its order dated 18.11.2020 in WP No.17841/2018.</p>
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	<p>trees to be axed and should issue its Report. Further, the High Court held that whenever there is a proposal for felling of trees, the Expert Committee should examine whether the trees proposed to be felled could be saved by adopting any method and felling of trees should be considered only if it is found that after exhausting all methods, it is impossible to save any tree. In fact, on November 20, 2020, the High Court has restrained BMRCL from cutting any trees for its project between Gottigere and Nagawara, despite the Expert Committee having tabled its Report, since the Expert Committee had given general reasons for cutting all the trees. The High Court had reiterated its findings that even felling one single tree could have an adverse impact on the environment, as once a tree is felled, it is permanently lost. Hence, the Expert Committee was directed to conduct a fresh exercise for trees to be felled.</p> <p>In the case of the proposed tree felling for the construction of Underground Metro Tunnel and Stations between South Ramp (Jayanagar Fire Station) to Nagavara, Reach 6 (UG), it appears that the Expert Committee has not even issued its Report/Opinion on why each of the 212 trees sought to be felled, cannot be saved and why the felling of the trees is unavoidable. Therefore, Therefore, you will agree with us that the public notice is premature and should be issued only after the Expert Committee has submitted its Report on the proposed trees sought to be felled and a copy of the Report has been circulated to the general public. A public hearing is also called for, as the number of trees sought to be felled exceed 50.</p>	<p>As per the MOP, a public notice inviting objections from the public is the 1st activity after receipt of the application. Thereafter, Tree Officer is required to take up consideration of those objections followed by preliminary assessment of each tree for on-site retention / translocation / felling, based on tree health / defects / general conditions.</p> <p>The work of the Tree Expert Committee starts thereafter for scrutiny of the application, review of the objections and findings of the Tree Officer, inspection of each tree for its assessment and recommendations.</p> <p>The public notice has been issued exactly as per the MOP accepted by the High Court.</p> <p>There is no provision in the law or in the MOP to hold a public hearing. The prescribed process of issue of public notice and inviting objections in writing provides a much better structured way to obtain objections.</p>
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	<p>We also respectfully submit that the details of the trees sought to be felled, as submitted by BMRCL do not set out the age of the trees</p> <p>The Heritage Committee constituted under the provisions of the Zonal Regulations (Amendment) 2020 should also be consulted and involved as the trees constitute natural heritage precincts as per the provisions thereunder.</p> <p>We would like to state that the roles, responsibilities and functions discharged by you pursuant to your appointment are commendable and we recognize in you, your role as the guardian of the city's greenery. Whilst we are all for the Metro and other public utility projects, these projects should be planned in such a way that the greenery of the city is not compromised in any manner.</p> <p>We would also like to place a request with the Government that a single authority would be required to plan mobility for the entire city of Bangalore by including all modes of transport. In several places, there is an overlap of different modes of public transport for the same route. Further, the Revised Master Plan should clearly denote the alignment and path of the Bangalore Metro. We are also of the view that it is crucial for the Metropolitan Planning Committee (MPC) to be formed first and to accord its approval prior to undertaking any infrastructure project.</p> <p>Therefore we humbly request you to withdraw the public notice, call upon the Tree Committee to issue its Report, table the Report of the Tree Committee before the general public and then re-issue a public notice and call for objections from the general</p>	<p>The law does not mandate determination of tree age for taking a decision on the application. It is also not practical.</p> <p>This is neither a requirement under the law nor as per the MOP.</p> <p>Tree removal is permitted only when it is essential for the public project. Even then, possibility of translocation is explored in right earnest.</p> <p>Such authority in the form of Bangalore Metropolitan Land Transport Authority (BMLTA) is already in place.</p>
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		<p>public. A public hearing should also be held, since the number of trees sought to be felled exceeds 50.</p> <p>The greenery and air quality of the city lies in your hands.</p>	<p>Public Notice is to be given immediately on receipt of the application and not after finalization of the report.</p>
36	Anand V 06.12.2020	<p>Underground works are very much cost intensive and very reputed and big companies will do such works. The companies will claim huge compensation for keeping their men and machinery idle. All these idle charges will be payable in addition to agreed cost. Such charges tuning to crores will have to be paid from tax payers money. Cutting trees which are requested for project work should be permitted without any delay. We can grow thousands of trees just spending Rs. One crore.</p>	<p>All efforts are being made to expedite processing of the application while strictly following the process formulated by the Tree Expert Committee. The suggestion is noted.</p>
37	Rainbow Cousins 06.12.2020	<p>With respect to DCF/PR/27/2020-21 Reach 6 (UG) BMRCL There is no need to mention the importance of trees to a city like Bangalore which is losing its green cover lightning fast.</p> <p>Request to not feel any tree, as development projects should be done by not damaging existing trees and infrastructure.</p> <p>There are many trees that are more than 100 years old. The impact loosing these trees cannot be compensated at any cost.</p> <p>Development should be by preserving nature and not by destroying it.</p> <p>Request to not cut down any trees for this project and in future for any other project.</p>	<p>Metro project is also meant for sustainable growth of the city.</p> <p>BMRCL is being directed to translocate the trees, as feasible and practical, and to take-up compensatory plantation in ratio of 1:10.</p>
38.	diwakar Srinivas 06.12.2020	<p>Suggestion: I understand that Gottigere-Nagawara line of Bangalore Metro Rail Project is being constructed from years. Cutting a few trees along the</p>	<p>The suggestion is noted.</p>

		<p>alignment should not cause any environmental imbalance. Commissioning of the Metro rail line will result in reducing vehicles on road. Vehicles are main cause of air pollution, heat pollution and noise pollution. Reduction of vehicles on road will also help in reduction in import of petrol.</p> <p>In view of above, I request to complete the project at the earliest.</p>	
39.	Arun Prasad	<p>Reference to the above, we kindly request you on behalf of all the public, environmentalists, social activists, Lake activists, local residents, public litigants and other stake holders to call for a public meeting in the presence of the BBMP Forest Cell DCF, Urban DCF, Tree Expert Committee, BMRCL Engineering Project Manager, BMRCL Managing Director, BBMP Biodiversity Management Committee Chairman and Member Secretary, DC Urban, Karnataka Pollution Control Board Chairman, Karnataka Biodiversity Board Chairman, BBMP Commissioner and BBMP Administrator to hold discussion regarding the tree cutting for the ongoing metro project in BBMP limits before giving any permission for tree cutting to prevent anti environmental projects.</p> <ul style="list-style-type: none"> - Construction of Metro Rail Structures, project for road diversion and Metro viaduct from BP34 to 43 including Jyothipuram station. - Construction of Metro Viaduct and Stations between RV Road and HSR Layout via Marenahalli Road (Reach 5 Package3). - Construction of Underground Metro Tunnel and Stations between South Ramp (Jayanagar Fire Station) to Nagawara, Reach 6 (UG). We 	<p>The process of public consultation is by way of inviting objections in writing and by considering them carefully, as it provides a structured way. The public meeting is not envisaged in the law.</p>

		request to have meeting preferably in the BBMP HO and hold discussions and the meeting date and time published well in advance in all the language.	
40	palani appan ni 02.12.2020	<p>With reference to above mentioned letter, construction of metro from south ramp (Jaya Nagar fire station to Nagawara)</p> <p>I would request BBMP to give preference for Infrastructure development on Bangalore considering the present traffic scenario within Bangalore City.</p> <p>However, benefit of our future generations, the felled trees shall be compensated by planting additional trees in the same location/vicinity. This is on considering the public money being spent on Infrastructure projects.</p>	<p>The suggestion is noted.</p> <p>BMRCL will be directed to take--up translocation, as feasible and practical, and compensatory plantation in ratio of 1:10.</p>
41	niloy mukhopadyay 02.12.2020	<p>With reference to above mentioned letter number, Tree cutting is important for development of infrastructure projects but it should be limited. With the development of infrastructure projects present and future generation will be most benefitted. Lot of public money invested for development. On behalf of tree cutting one should take initiative for compensation.</p>	<p>The suggestion is noted.</p> <p>BMRCL will be directed to take--up translocation, as feasible and practical, and compensatory plantation in ratio of 1:10.</p>
42.	Krupa Hebbbar 28.11.2020	<p>As a frequent user of Namma Metro for budgetary as well as environmental purposes, it is terrible to see a notification to cut down so many trees without any clear details about the trees that would be cut down. Many of the trees in those areas are very old, and a part of what used to be known as the Garden City I am strongly against cutting down any trees without clear details being provided. Please do another public consultation AFTER publishing the</p>	<p>Full details are available on the website of BBMP.</p> <p>The attempt of the Tree Officer is to permit a tree removal only when on-site retention is not tenable.</p> <p>Even in case of a tree-removal, possibility of translocation is explored first.</p>

		<p>tree details for a legitimate consultation process.</p> <p>I have grown up in a Bengaluru that has steadily lost most of its green cover while air pollution and respiratory diseases have been going up in the last 20 years. In my opinion it is criminal to cut down a single tree without due process, at the risk of making the city completely unlivable.</p> <p>While I strongly believe in Namma Metro, I cannot stand by this vague and unclear notice to chop 211 trees if any of them can be saved.</p> <p>Please spare a thought for all the young people in the city who have developed respiratory issues as a direct consequence of trees being removed for infrastructure, and who are now at higher risk for covid, and publish more information so that we can properly weigh the benefits of the trees against the metro line. Don't forget, trees are also an invaluable asset, not just obstructions to be removed without thought.</p>	<p>In addition, BMRCL is asked to take-up compensatory plantation in ratio of 1:10.</p>
43	rutuj4shah 28.11.2020	<p>This is regarding the proposal of BBMP to cut 212 trees...</p> <p>I know that developing the city is important, but developing the city by cutting soo many trees is not good...If possible please think on this decision again. You can find any other way out, like finding another route or planting the same number of trees which are going to be cut in the areas where there are less number of trees.</p>	<p>While a change in the metro alignment is not possible, BMRCL is being directed to take-up translocation of trees, as feasible and practical, and compensatory plantation in ratio 1:10.</p>
44.	Prashanth R 28.11.2020	<p>Kindly do not cut the trees for underground metro, as we already facing alot of breathing problems like lung infections etc. This will be a VERY WRONG MOVE. As a citizen of Karnataka Bengaluru my advice is to look for some other alternatives rather than cutting poor trees.</p>	<p>While a change in the metro alignment is not possible, BMRCL is being directed to take-up translocation of trees, as feasible and practical, and compensatory plantation in ratio 1:10.</p>

45.	sai srinivas patnam 28.11.2020	My opinion on chopping off of 211 trees for metro is really insane. My answer is NO if you people have to cut the trees for metro lane. Do it without destroying trees. Please.	While a change in the metro alignment is not possible, BMRCL is being directed to take-up translocation of trees, as feasible and practical, and compensatory plantation in ratio 1:10.
46.	Francis T Jose 28.11.2020	Need clarification on why trees has to be cut when metro is going underground. Please have it so deep that the roots of the tree are not affected. If it is not possible, construct overhead line over the pillars above trees. Trees and lungs of our city and please do not cut it at any cost.	These trees are at station location. The underground stations are constructed through cut and cover method. For this route, an elevated metro was not found feasible due to insufficient road width.
47	Tony Jose 28.11.2020	I understand that a total of 211 trees are to be axed for the metro project of R6, while I have no discontent with the removal of foliage I do request the bbmp to find alternatives to cutting that is tree transplantation as this would reduce public outcry against this much needed project, I hope things may move briskly.	BMRCL is being directed to take-up translocation of trees, as feasible and practical, and compensatory plantation in ratio of 1:10.
48	Pavan Kumar	This is regarding your public notice (bearing no: DCF/PR/27/2020-21) to fell ~212 trees for BMRCL construction work. I strongly object to this decision to cut trees as we have lost considerable green cover in Bangalore for urbanization. With deteriorating air quality and increased vehicular emission and dust in the city, it's high time that we value the presence of trees in the city and find ways to stop cutting them. If we still want to be called a "garden city" please refrain from cutting trees.	Full details are available on the website of BBMP. The attempt of the Tree Officer is to permit a tree removal only when on-site retention is not tenable. Even in case of a tree-removal, possibility of translocation is explored first. In addition, BMRCL is asked to take--up compensatory plantation in ratio of 1:10.
49.	yashaswi Kulkarni 01.12.2020	This email is to express concern and objection to chopping down of 200+ trees in Jaynagar and Bannerghatta road for Metro project. We are often faced with a challenge of development versus environment	The detailed process formulated by the Tree Expert Committee is being followed.

		<p>but this issue is bigger than that. A project that impacts a city's ecology, the livelihood of large population people and crores of taxpayers money should not be passed without following a due process.</p> <p>In the month of June, around 30 trees near Karmika Bhavan, Bannerghatta road were axed down in the shadow of night before the High court hearing.</p> <p>We as citizens and certain NGOs can and want to work with the government to come up with sustainable solutions for our city and protect the environment.</p> <p>With due respect ,kindly consider this objection and do not allow the axing of trees in Jaynagar and Bannerghatta area for the Metro project.</p>	
50	<p>Krishna kumaar pillutla21 29.11.2020</p>	<p>It would not be advisable to fell 211 trees just because you need to accommodate the metro line passing through these trees (13.89 Km), instead let this stretch go underground after you will be displacing the traffic during the construction period as to how long it takes to build this line on this stretch. On the other hand, Bangalore is supposed to be the garden city of India (Although it is not now). You will not only be destroying the flora & fauna of this area, but also polluting the area with more of concrete & rubbish, instead let the line that is passing through this stretch be constructed underground so that you will not be destroying the trees on the top. Imagine Sir, Are you not disturbing the birds & animals that have their homes in these trees, that you will be destroying their habitat ?. Kindly think over sir</p>	<p>The removal of these trees is needed primarily for the underground stations only.</p> <p>Translocation of trees, as feasible and practical, and compensatory plantation are taken up to mitigate the impact.</p>

51.	Jemima John 28.11.2020	<p>I just came across the article where more than 200 trees are going to be cut off for metro. I do appreciate the effort being put out to make transport easy, but killing the mother nature is totally unfair.</p> <p>It's our sole responsibility to consider sustainable development and make the environment greener and healthier for the coming generation. Cutting off the trees is like killing our next generation to come. Just the thought of it breaks my heart.. Please consider.</p> <p>Bangalore, also referred to as Bengaluru, is the capital of the Indian state, Karnataka. Bangalore is nicknamed the "Garden City".</p> <p>A study conducted by IISc predicts that Bengaluru will become a dead city in five years. In this writer's opinion, we have already reached that point..</p> <p>What was once the Garden City can no longer be called that. It's a concrete jungle filled with dust and choked with vehicle exhaust. Water bodies have disappeared; trees have been cut down to make way for buildings. The city has expanded outwards with little planning. Roads are poorly maintained and inadequate; groundwater levels are plunging due to over-exploitation; and there is no drainage of which to speak.</p> <p>I humbly and sincerely request along with my family not to cut down the trees and look out for better planning and alternate options to continue the work.</p>	<p>Metro provides a sustainable mode of public transport, unlike private mode which add hugely to pollution and road congestion leading to economic losses.</p> <p>While a change in the alignment is not possible, BMRCL is directed to take-up translocation of trees, as feasible and practical, and compensatory plantation in ratio 1:10.</p>
52	bharath dhananjaya 29.11.2020	<p>I object this project just because of losing 212 trees. These trees are very</p>	<p>BMRCL is being directed to take-up translocation, as feasible and practical, and compensatory plantation in ratio 1:10.</p>

		<p>old and its very essential in that particular areas.</p> <p>I suggest find the alternative way which is on the residential or commercial property.</p>	
53.	Rama ani 01.12.2020	<p>Recently I read a public notice about "Removal of trees between South Ramp (Jayanagar Fire Station) to North Ramp (Nagawara)". The activities of 'Metro Rail Project and Traffic movements' is the purpose mentioned the notice</p> <p>Earlier, Bangalore was known as Garden City.</p> <p>Given the rampant deforestation in many places, Garden City should focus on sustainable growth. Otherwise its unwanted consequences will return in unexpected ways.</p> <p>So please consider my objection to "tree removal between South Ramp (Jayanagar Fire Station) to North Ramp (Nagawara)".</p>	<p>Metro is meant for facilitating sustainable growth by way of reduction in pollution.</p> <p>The adverse impact due to removal of trees is sought to be mitigated by translocation of trees, as feasible and practical, and by compensatory plantation.</p>
54	Absa bapunhi 01.12.2020	<p>Between South Ramp (Jayanagar Fire Station) to North (Nagawara) Benniganahalli LaKe Bund area in Sy No 55 & 82 of Benniganahalli Village, in the road going from Bengaluru to Old Madras Road</p>	<p>The priority, next to possibility of on-site retention, is for translocation. The permission for felling is given only when translocation is not found feasible or practical.</p> <p>BMRCL is also directed to take-up compensatory plantation in ratio of 1:10.</p>
55	Rasheed Usmani 01.12.2020	<p>Between East End Road and CSB Junction</p> <p>I believe this destruction of trees can be avoided and should not be carried ahead without due thought. Efforts should be made to move at least the old trees and rehouse them in other areas instead of brutally axing them. We the citizens of Bangalore are not interested in development at the cost of our green cover.</p>	
56.	sundar V	<p>We can move good old trees like banyan tree to the lakes like Arekere. Right now people are dumping garbage and construction waste into lake beds . By evaluating</p>	<p>The suggestion is noted.</p> <p>Following order of priority is followed:</p>

		<p>trees , we can select the worthy trees based on age, present condition, and transplant the trees to lake beds particularly ones under threat . Appropriate CSR (corporate social responsibility) credit can be given to BMRCL or their contractor like L&T, Simplex towards cost of shifting trees. We can leave out eucalyptus trees as they are huge consumers of ground water. Your office in capacity as expert (forest conservation) can engage with NGO as a expert and take the criteria to eliminate trees based on age / condition/ type and select & recommend the trees for transplant to other lake beds.</p>	<ol style="list-style-type: none"> 1. On-site retention, if feasible. 2. Translocation, as feasible and practical. 3. Felling as the last resort. <p>BMRCL is also directed to take-up compensatory plantation in ratio of 1:10.</p>
57	Alavala Anusha 29.11.2020	<p>With reference to above mentioned letter, construction of metro from south ramp (Jaya Nagar fire station to nagawara)</p> <p>I would request BBMP to give preference for Infrastructure development on Bangalore considering the present traffic scenario within Bangalore City.</p>	<p>The suggestion is noted.</p> <p>BMRCL will be directed to take--up translocation, as feasible and practical, and compensatory plantation in ratio of 1:10.</p>
58	Harshitha alavala 29.11.2020	<p>However benefit of our future generations, the felled trees shall be compensated by planting additional trees in the same location/vicinity. This is on considering the public money being spent on Infrastructure projects.</p>	
59.	Dinesh R 28.11.2020	<p>This is Dinesh R, HR from Leading UK MNC company.</p> <p>I would request BBMP to stop cutting down the trees. I understand our population is growing and we need different mode transportation. At the same time we should also keep a check on the environmental impact to the society. If not metro we can still travel by other modes of transportation but we will not get oxygen or air from other modes.</p>	<p>Metro is one of the most sustainable mode of transport. The alternative modes of private transport cause huge amount of pollution and economic loss.</p> <p>For mitigating the adverse impact of removal of trees, BMRCL is being directed to take-up translocation, as feasible and practical, and compensatory plantation.</p>

		200+ trees is a huge number. Let we all built a better environment to our future fellow beings.	
60.	shashank shash 29.11.2020	Namma Bengaluru needs METRO as much as our proud boulevards of Jayanagar. Kindly do not fell the 220 odd trees and transplant them to other locations within BBMP wards where these magnificent wonders of mother earth can be saved years of life and provide us with much more than shade and oxygen. We have already suffered huge loss of tree lines for roads, flyovers and metro. I cannot stand to see my beloved city loosing anymore green cover. Kindly do the needful and transplant the necessary trees like we see in Japan and other ecological conscious countries having the best of both world towards sustainable development and growth. Please oblige.	<p>The suggestion is noted.</p> <p>Full details are available on the website of BBMP.</p> <p>The attempt of the Tree Officer is to permit a tree removal only when on-site retention is not tenable.</p> <p>Even in case of a tree-removal, possibility of translocation is explored first.</p> <p>In addition, BMRCL is asked to take--up compensatory plantation in ratio of 1:10.</p>

ಶಿಕ್ಷಣ - ೦೨೦೨ ರಲ್ಲಿ ಸಾರಾಂಶ ಮಾರ್ಗದರ್ಶಿಗಳು
ಪ್ರಸ್ತುತವಿರುವಂತೆ ಮರುಪರಿಶೀಲನೆ ಕೈಗೊಂಡು ಉದ್ದೇಶದ
ಪ್ರಕಾರ ಕಾರ್ಯಕ್ರಮ ಅನುಷ್ಠಾನಗೊಳ್ಳುವಂತೆ 1976ರ
ಸೆಕ್ಷನ್ 8(3) ರ(1)ರನ್ವಯ ಸಾರಾಂಶಗಳನ್ನು ಸಲಹೆ ಮತ್ತು
ಅನುಮೋದನೆ ನೀಡುವಂತೆ ಉತ್ತರಿಸುವ ಸಲಹೆ ಮತ್ತು
ಪ್ರತಿಬಂಧಗಳಿಗೆ ಉತ್ತರಿಸುವ ಸಲಹೆ ಮತ್ತು ಪ್ರತಿಬಂಧಗಳನ್ನು ಸಲಹೆಗಳು.

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The Deputy Conservator of Forests
(Tree Officer, BBMP) Ground floor,
Annex - 3 Building, N. R. Square,
Bengaluru - 560001.

ಸರ್,



ವಿಷಯ:- ಬೃಹತ್ ನಗರಾಭಿವೃದ್ಧಿ ನಿಗಮದ ಸಾರಾಂಶಗಳನ್ನು
ಎಲ್ಲಾ 27/11/2020 ರಂದು ನೀಡಿದ ಪ್ರತಿಬಂಧಗಳನ್ನು
ನೀಡುವಂತೆ ಸಾರಾಂಶಗಳ ಸಂಖ್ಯೆ ಸಂಖ್ಯೆ ಸಂಖ್ಯೆ ಸಂಖ್ಯೆ
ನಾಗವಾರ್ತೆಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು
ಕೈಗೊಂಡು ಉದ್ದೇಶದ ಪ್ರಕಾರ ಕಾರ್ಯಕ್ರಮ ಅನುಷ್ಠಾನಗೊಳ್ಳುವಂತೆ
ಉತ್ತರಿಸುವ ಸಲಹೆ ಮತ್ತು ಪ್ರತಿಬಂಧಗಳನ್ನು ಸಲಹೆಗಳು

ಬಿಲ್ಲೆ: NO. DCF/PR/27/2020-21, All 26/11/2020.

ಪ್ರಸ್ತುತ ವಿಷಯವನ್ನು ಪ್ರಸ್ತುತವಿರುವ ಪ್ರಸ್ತುತವನ್ನು ಬಿಲ್ಲೆಬಿಲ್ಲೆಬಿಲ್ಲೆ ನೀಡಿದ
ಪ್ರತಿಬಂಧಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ "ಎಲ್ಲಾ 27/11/2020 ರಂದು ಪ್ರತಿಬಂಧಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ
ಪ್ರಕಾರ ಕೈಗೊಂಡು ಉದ್ದೇಶದ ಪ್ರಕಾರ ಕಾರ್ಯಕ್ರಮ ಅನುಷ್ಠಾನಗೊಳ್ಳುವಂತೆ ಸಾರಾಂಶಗಳನ್ನು
1. ಉತ್ತರಿಸುವ ಸಲಹೆ ನೀಡಿದ ಅನುಮೋದನೆ ಪ್ರತಿಬಂಧಗಳಿಗೆ: 4 ರಲ್ಲಿ 4 ರಲ್ಲಿ
ಪ್ರತಿಬಂಧಗಳಿಗೆ Enumeration of trees ಅನುಮೋದನೆ (i) Total No. of trees standing in the
project area ಅನುಮೋದನೆ (ii) Total No. of trees proposed to be removed ಎಂಬ ಪ್ರತಿಬಂಧಗಳನ್ನು
ಪ್ರತಿಬಂಧಗಳಿಗೆ (i) 000 276 (Annexure - I) (ii) 212 (Annexure - II) ಅನುಮೋದನೆ
ಪ್ರತಿಬಂಧಗಳಿಗೆ, ಸಾರಾಂಶಗಳನ್ನು ನೀಡಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು ಬಿಲ್ಲೆಬಿಲ್ಲೆಬಿಲ್ಲೆ ನ ಬಿಲ್ಲೆಬಿಲ್ಲೆಬಿಲ್ಲೆ
ಅನುಮೋದನೆ ಅನುಮೋದನೆ ಪ್ರತಿಬಂಧಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು ನೀಡಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು
2. ಸಾರಾಂಶಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು ನೀಡಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು ನೀಡಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು
ಪ್ರತಿಬಂಧಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು ನೀಡಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು ನೀಡಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು
Browsing ಅನುಮೋದನೆ ಬಿಲ್ಲೆಬಿಲ್ಲೆಬಿಲ್ಲೆ ಬಿಲ್ಲೆಬಿಲ್ಲೆಬಿಲ್ಲೆ ಬಿಲ್ಲೆಬಿಲ್ಲೆಬಿಲ್ಲೆ ಬಿಲ್ಲೆಬಿಲ್ಲೆಬಿಲ್ಲೆ
ಸಾರಾಂಶಗಳಿಗೆ internet ಸೇವೆಯನ್ನು ನೀಡಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು ನೀಡಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು
3. ಸಾರಾಂಶಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು ನೀಡಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು ನೀಡಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು
ಸಾರಾಂಶಗಳಿಗೆ ಅನುಮೋದನೆ ಸಾರಾಂಶಗಳನ್ನು ನೀಡಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು ನೀಡಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು
ಸಾರಾಂಶಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು ನೀಡಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು ನೀಡಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು
'WFH' ಅನುಮೋದನೆ (Work from Home) ಅನುಮೋದನೆ ಸಾರಾಂಶಗಳನ್ನು ನೀಡಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು
ಸಾರಾಂಶಗಳಿಗೆ Paper- less ಕ್ರಮ ಸಾರಾಂಶಗಳನ್ನು ನೀಡಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು
4. ಸಾರಾಂಶಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು ನೀಡಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು ನೀಡಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು
ಸಾರಾಂಶಗಳಿಗೆ, ಸಾರಾಂಶಗಳನ್ನು ಸಾರಾಂಶಗಳನ್ನು ನೀಡಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು ನೀಡಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು
ಕಾರಣ, xerox ಅನುಮೋದನೆ ಸಾರಾಂಶಗಳನ್ನು ನೀಡಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು ನೀಡಿದಂತೆ ಸಾರಾಂಶಗಳನ್ನು

೨. ಕೃಷಿಯಾದ ಕಾರಣ ಮತ್ತು ಸೈಕ್ಲೋನ್ ಬಂದಾಗಿನ ವಿಠಲಮೊಲಾಗಿ ಧಾರಾಕಾರ ಮೃದಿ
ಜಾಲಾ ಜನುಗುವಿಕೆ ವಿಠಲಮೊಲಾಗಿ ಸಿನೆರಾ ನೆಹೆಸಾಡುಪುದು ಕೂಡಿಯೊಳಗಿರುವುದರಿಂದಲೂ
XEROX ಅಂಗಡಿಸ್ತು ಬಾಣು ಕೆಲಸವಿಲ್ಲ.

(i) BMRC ರವರು ರೈಲ್ವೆ ಮಾರ್ಗ ನಿರ್ಮಿಸುವ ಯೋಜನೆಗಳನ್ನು ಮರ ಕಡತವಿರುವವರು 10 ಅಂದ ಮೆಟ್ಟಿಲ್ದಾಗಿ (ಗಡಿ-ಮರಗಳನ್ನು ಕಡತವಿರುವವರಿಗೆ 10 ಕ್ಕಿಂತ ಮೆಟ್ಟಿಲ್ದಾಗಿ) ರೈಲ್ವೆ ಮಾರ್ಗ ನಿರ್ಮಿಸುವ ಯೋಜನೆಗಳನ್ನು ಸುರಂಗ ಕೊಡಿಸುವ ಮತ್ತು ಮೇಲಂದಿನ ರೈಲ್ವೆ ಮಾರ್ಗ ನಿರ್ಮಿಸುವ ಯೋಜನೆಗಳನ್ನು ಸುರಂಗ ಕೊಡಿಸುವವನ್ನು ಅಭಿಮಾನಿಸಿಕೊಂಡು ಯೋಜನೆ ಪ್ರಯತ್ನಿಸುವ ಕ್ರಮವಿರುವುದು ಕೊಡಿಕೆ.

[illegible]

(iv) ಹೊಸಗನ್ನಡ ನಗರಪಲ್ಲಾಯ ಪಾಕೆಟ್ಸ್ ಮರಗನ್ನಡದ ಉಪನಿಷತ್ ಗ್ರಾಂಥ
 ಕಲ್ಪಿತನೊಂದಿಗೂ ಮೊದಲ ಅಂಶವನ್ನು ಬರೆಯುವ ಕೆಲಸವನ್ನು ಮುಂದುವರಿಸುವ
 ಮರಗನ್ನಡದ ಕಲ್ಪಿತನೊಂದಿಗೂ ಮೊದಲ ಅಂಶವನ್ನು ಬರೆಯುವ ಕೆಲಸವನ್ನು ಮುಂದುವರಿಸುವ
 (v) ಕುಲಗುಲಿ ಕೃಷ್ಣನ ಸಂಪಾದಿತ ಕಲ್ಪಿತನೊಂದಿಗೂ ಮೊದಲ ಅಂಶವನ್ನು ಬರೆಯುವ ಕೆಲಸವನ್ನು ಮುಂದುವರಿಸುವ
 ಕಲ್ಪಿತನೊಂದಿಗೂ ಮೊದಲ ಅಂಶವನ್ನು ಬರೆಯುವ ಕೆಲಸವನ್ನು ಮುಂದುವರಿಸುವ

(V) ಈಗಾಗಲೇ ಚಿತ್ರೀಕರಿಸಿರುವ
ಕಲರವನು, ಕೆಲವು ದಿನಗಳ ನಂತರವೂ ಮೇಲಿನಂತೆಯೇ ಇರಲಿ. ವ್ಯಕ್ತಿ, ಮನಸ್ಸನ್ನು ಕೈಗೆತ್ತಿಕೊಳ್ಳುವ
ಮಾಹಿತಿಗಳಿಗೆ ಸಿಗುವ ಸ್ವರೂಪ, ಸೇವೆಯನ್ನು ಕೊಡಿ. ವ್ಯಕ್ತಿ, ಕೆಲವು ದಿನಗಳ ನಂತರವೂ
ಅವನು ಅತ್ತಿರುವ ಸೇವೆ ಕೈಗೆತ್ತಿಕೊಳ್ಳುವ, ಮನಸ್ಸಿಗೆ ಮೇಲಿನ, ಕೆಲವು ದಿನಗಳ ನಂತರವೂ
ಸ್ವರೂಪವಾಗಿಯೇ ಬರುತ್ತಿರುವ ಸೇವೆ ಕೆಲವು ದಿನಗಳ ನಂತರವೂ
ಕೆಲವು ದಿನಗಳ ನಂತರವೂ ಕೆಲವು ದಿನಗಳ ನಂತರವೂ
(Vi) 2000 ರಲ್ಲಿ ಚಿತ್ರೀಕರಿಸಿದ ಸೇವೆ, ಮನಸ್ಸನ್ನು, ಕೆಲವು ದಿನಗಳ ನಂತರವೂ
ಕೆಲವು ದಿನಗಳ ನಂತರವೂ ಕೆಲವು ದಿನಗಳ ನಂತರವೂ
ಕೆಲವು ದಿನಗಳ ನಂತರವೂ ಕೆಲವು ದಿನಗಳ ನಂತರವೂ

[illegible]

(vi) ತಯ್ಲೆ ಅರಣ್ಯ ರಕ್ಷಣಾ ಯೋಜನೆಯ ಕೆಲಸದಂತೆ ಸುಭಾವನೆಯನ್ನು ನೀಡುವ
ತಾತ್ಕಾಲಿಕ (ಅರಿವುಕೊಡುವ) ವಾಸ್ತವವುಗಳನ್ನು ನೇಮಕ ಮಾಡಿಕೊಳ್ಳುವಂತೆ
ಕೋರಿ.

(viii) ಪ್ರಸ್ತುತ ಪ್ರದೇಶಗಳ ನಡುವೆ (ಸುಮಾರು 50 ಕಿ.ಮೀ. ದೂರ) ರಸ್ತೆ
ಯಾಗುವ ಸುಲಭವಾದ ಯೋಜನೆಗಳಿಗೆ ಯಾತ್ರಿಕವಾಗಿ ಸೇರಿ ಸೇರಿ
ಕೊನೆ ಕೊನೆ ಸೇರಿಸುವ ಕೆಲಸ ಮಾಡಲಾಗುವುದು ಮತ್ತು ಇದರಲ್ಲಿ
ರಸ್ತೆಯ ಯಾಗ ಕಟ್ಟುವ ಯೋಜನೆಗಳು ಹಾಗೂ ಸೇರಿಸುವ
ಪ್ರಾಯೋಗಿಕ ಸ್ಥಳ, ತಾಲ್ಲೂಕುಗಳಿಗೆ ಸೇರಿಕೊಂಡು ಕಟ್ಟುವ ಯೋಜನೆಯನ್ನು
ಬಿ.ಬಿ.ಎಂ.ಡಿ ಮತ್ತು ಬಿ.ಬಿ.ಆರ್.ಡಿ.ಎಲ್ ನವರೂ ಹೆಚ್ಚಿಸುವ
ಸಲಹೆ ನೀಡುವುದನ್ನು ರೂಪಿಸಬೇಕಾಗಿ ಕೋರಿ.

(ix) ಬಿ.ಬಿ.ಎಂ.ಡಿ ಮತ್ತು ಬಿ.ಬಿ.ಆರ್.ಡಿ.ಎಲ್ ನವರೂ ಬಿ
ಪ್ರಯೋಗಿಕರನ್ನು ಕೊಟ್ಟು ಕಟ್ಟುವ ರಸ್ತೆಗೆ ಸೇರಿಸುವ ಯೋಜನೆಗಳನ್ನು ತೆರವಿಗೆ ತರುವಂತೆ
ವ್ಯವಸ್ಥೆಯನ್ನು ಕೈಗೊಳ್ಳುವ, ಕೈಗೊಂಡು ಕಟ್ಟುವುದು (ಸಿಬ್ಬಂದಿ, ಉಪಕರಣಗಳು,
ವಿಶೇಷವಾಗಿ ವಸ್ತುಗಳು, ತಯಾರಿಕೆ ಮಾಡುವ ವಸ್ತುಗಳು, ಸಣ್ಣ-ಪುಟ್ಟ ಯೋಜನೆ
ಉಪಕರಣಗಳು, ಇವುಗಳ ತರಬೇತಿ ಉಪಕರಣಗಳು, ಇವುಗಳಿಗೆ ವಸ್ತುಗಳು (ಕಾಲು, ಬೆಣಕೆ,
ಕೊಡುವ ಸಲಹೆಗಳನ್ನು), ಇತರ ಉಪಕರಣಗಳನ್ನು ಉಪಕರಣಗಳನ್ನು ಸೇರಿಸುವ
"Double-mode" ವ್ಯವಸ್ಥೆಯನ್ನು ಸೇರಿಸುವ ಸೇವೆಯನ್ನು ರಸ್ತೆಯಲ್ಲಿ
ನೀಡುವ ಸಲಹೆಗಳಿಗೆ ಪ್ರಸ್ತುತವೆ ನೇಮಕ ಮಾಡುವುದು. ಇದರಂತೆ
ಕೊಡುವ ಸಲಹೆಗಳಿಗೆ ವಸ್ತುಗಳ ತರಬೇತಿ ಕೊಡುವ ಸಲಹೆಗಳನ್ನು ಕೊಡುವುದು.
ಸೇರಿಸುವ ಸಲಹೆಗಳಿಗೆ ವಸ್ತುಗಳ ತರಬೇತಿ ಕೊಡುವ ಸಲಹೆಗಳನ್ನು ಕೊಡುವುದು.


(x) ಸೇವೆಯನ್ನು ಸೇರಿಸುವ ಸಲಹೆಗಳಿಗೆ B.M.C.L. ಪ್ರಯೋಗಿಕ ಸೇರಿಸುವ ಸಲಹೆಗಳನ್ನು
ಸೇರಿಸುವ ಸಲಹೆಗಳನ್ನು ವಸ್ತುಗಳ ಸೇರಿಸುವ ಸಲಹೆಗಳನ್ನು ಸೇರಿಸುವ ಸಲಹೆಗಳನ್ನು
ಅನುಷ್ಠಾನಿಸುವುದು ಕೊಡುವ ಸಲಹೆಗಳನ್ನು ವಸ್ತುಗಳ ಸೇರಿಸುವ ಸಲಹೆಗಳನ್ನು
ಸೇರಿಸುವ ಸಲಹೆಗಳನ್ನು ಕೊಡುವ ಸಲಹೆಗಳನ್ನು ಕೊಡುವ ಸಲಹೆಗಳನ್ನು ಕೊಡುವ ಸಲಹೆಗಳನ್ನು

ಮತ್ತು
(xi) ಅನುಷ್ಠಾನಿಸುವ ಸಲಹೆಗಳನ್ನು "Good and Bad" ಸೇರಿಸುವ ಸಲಹೆಗಳನ್ನು
ತರಬೇತಿ ನೀಡುವುದನ್ನು ಕೊಡುವ ಸಲಹೆಗಳನ್ನು ಕೊಡುವ ಸಲಹೆಗಳನ್ನು ಕೊಡುವ ಸಲಹೆಗಳನ್ನು

7. ಪತ್ರವನ್ನು ತೆರವಿಗೆ ತರುವುದನ್ನು ಕೊಡುವ ಸಲಹೆಗಳನ್ನು ಕೊಡುವ ಸಲಹೆಗಳನ್ನು
ನೀಡುವ ಸಲಹೆಗಳನ್ನು 1 ರಿಂದ 6 ರವರೆಗೆ ನೀಡುವ ಸಲಹೆಗಳನ್ನು ಕೊಡುವ ಸಲಹೆಗಳನ್ನು
ನೀಡುವ ಸಲಹೆಗಳನ್ನು ಕೊಡುವ ಸಲಹೆಗಳನ್ನು ಕೊಡುವ ಸಲಹೆಗಳನ್ನು ಕೊಡುವ ಸಲಹೆಗಳನ್ನು

ಮೇಲಿನ ಕೋರಿಕೆಯನ್ನು, ಸಲಹೆ ಉಪಕರಣಗಳನ್ನು ತಯಾರಿಸುವುದು
ಕೊಡುವ ಸಲಹೆಗಳನ್ನು ಕೊಡುವ ಸಲಹೆಗಳನ್ನು ಕೊಡುವ ಸಲಹೆಗಳನ್ನು ಕೊಡುವ ಸಲಹೆಗಳನ್ನು

ಸ್ಥಳ: ಬೆಂಗಳೂರು
ದಿನಾಂಕ: 07/12/2020.


ಕೋರಿಕೆ ಸಲ್ಲಿಸುವವರು

ಸ್ಥಳ: # 17, ನಾಗಮಾಡು, ಅರಸೀಕೆ, ಕಾವಲುಕೋಟೆ, ಬೆಂಗಳೂರು - 32.
ಈ ವಿಷಯವನ್ನು ಲಗತ್ತಿಸುವುದು ತಯಾರಿಕೆ ವಿಷಯ ಕೊಡುವ ಸಲಹೆಗಳನ್ನು

10

1. The first part of the paper is devoted to a general discussion of the problem. It is shown that the problem is of great importance in the theory of the structure of the atom. The second part of the paper is devoted to a detailed discussion of the problem. It is shown that the problem is of great importance in the theory of the structure of the atom.

11

12

The third part of the paper is devoted to a detailed discussion of the problem. It is shown that the problem is of great importance in the theory of the structure of the atom. The fourth part of the paper is devoted to a detailed discussion of the problem. It is shown that the problem is of great importance in the theory of the structure of the atom.

Annexure – 3

Submission of preliminary assessment by Tree Officer to Tree Expert Committee in respect of application number No. BMRCL/0163/P-2/CE-UG/RT-01/BBMP/2020/7701 dated 25.11.2020 of BMRCL for removal of 212 trees from South Ramp (Jayanagar Fire Station to North Ramp (Nagawara) for a length of 13.89 Kms area.

Application No. **BMRCL/0163/P-2/CE-UG/RT-01/BBMP/2020/7701** Dt: 25.11.2020

To,

The Member-Secretary
Tree Expert Committee
Bengaluru City

&

Assistant Conservator of Forest
BBMP

Sir,

1. Bangalore Metro Rail Corporation (BMRCL) had applied on **25 Nov 2020** under section 8(2) and 8(3)(vii) of the Karnataka Preservation of Trees Act (henceforth mentioned as the Act) seeking permission to remove **212 trees** from the area of **South Ramp (Jayanagar Fire Station to North Ramp (Nagawara) for a length of 13.89 Kms area, Reach-6, UG.**

2. A public notice in the Template I was issued on **26.11.2020**, 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 **Kannada Prabha** and **Time of India** Newspapers on **27.11.2020**. 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 **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 **61** objections or suggestions were received. I also called response of BMRCL to those objections in general, and also sought the agency's views regarding possibility in change in the alignment or retention of the trees while carrying out the works. A preliminary review of all the objections as well the response of BMRCL was done by me.

4. I have also arranged to get the relevant information compiled and assessment of each tree carried out by the officers of Forest Department in the Template 2 Part I for all the trees proposed to be removed.

5. Thereafter, all **212** trees in following stations ITI, Dairy circle, Lakkasandra, M.G. road on **07.12.2020** and Cantonment, Pottery town, Tannery road, Venkateshpura, K.G. Halli and Nagavara station on **23.02.2021** were inspected personally by me. The concerned engineers of BMRCL in charge of the metro work in this area and the officers of the Forest Department accompanied me for the inspection. During the inspection, I had specifically verified, with assistance of the BMRCL engineers, location of each tree with reference to the project boundaries and the necessity of removal of the tree. While making that assessment I have considered whether enough space as "tree protection zone" will be available, if a particular tree is to be retained at its present location.

6. During the inspection, I also carried out veracity of the information regarding assessment of each tree compiled by the officers of the Forest Department. Due attention was paid for proper assessment of the tree health / tree defects and general assessment as per proviso to section 8(3) of the Act.

7. For each tree I made a preliminary assessment regarding suitability, in order of priority, for its (i) on-site retention, (ii) translocation, and (iii) felling. The same was recorded in the Template 2 Part II for each tree.

8. After carrying out the above detailed inspection and the assessment, I have drawn up the proceedings of my consideration of the objections received from the public in response to the public notice. A set of the public notices, a complete set of the objections and a copy of the proceedings dated **24.02.2021** of my consideration are enclosed to this submission.

9. The "Tree Assessment Forms" with duly filled in Part I and Part II of the Template 2 for each tree proposed to be removed by the project authority, are enclosed to this submission. Total **212** number of Forms are enclosed.

10. A statement detailing the tree details, preliminary assessment and justification for on-site retention / translocation / felling is also enclosed.

11. It is requested that the above information and the documents may kindly be placed before the Tree Expert Committee for consideration and appropriate opinion and recommendations at an early date.

Thanking you.


(.....) **TREE OFFICER**
&
DEPUTY CONSERVATOR OF FORESTS
BRUHAT BANGALORE MAHANAGARA PALIKE
BENGALURU
Deputy Conservator of Forest
BBMP, Bengaluru

Date: - 25.02.2021.

Annexure

**Statement detailing the tree details, preliminary assessment and justification
for on-site retention / translocation / felling**

Case / Application No.: BMRCL/0163/P-2/CE-UG/RT-01/BBMP/2020/7701

Project Area: South Ramp (Jayanagar Fire Station to North Ramp
(Nagawara) for a length of 13.89 Kms area, Reach-6, UG.

Sl No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
ITI College Ground							
1	8	Ashoka	1.34	5.00	3.000	Felling	Since the tree is present in the proposed work space area of fabrication yard, it has to be cleared. This tree is mechanically damaged, hence recommended for felling.
2	9	Ashoka	0.80	6.50	3.000	Felling	Since the tree is present in the proposed work space area of fabrication yard, it has to be cleared. This tree is mechanically damaged, hence recommended for felling.
3	10	Ashoka	1.30	6.50		Felling	Since the tree is present in the proposed work space area of fabrication yard, it has to be cleared. This tree is mechanically damaged, hence recommended for felling.
4	11	Ashoka	1.20	7.50		Retention	Since proposed work space area of fabrication yard is modified slightly and not hindering any of project activities. Hence recommended for Retention.

SI No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
Dairy Circle							
5	1	Jamun	1.80	9.00	5.00	Translocation	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. This tree is having healthy canopy which can overcome the stress and grow well, Hence recommended for Translocation.
6	2	Eucalyptus	2.10	12.00		Felling	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. This tree is silviculturally matured. Hence recommended for felling.
7	3	Eucalyptus	1.60	12.00	5.00	Felling	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. This tree is silviculturally matured. Hence recommended for felling.
8	4	Neem	0.37	4.00	2.00	Translocation	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. This tree is having healthy canopy which can overcome the stress and

Sl No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							grow well, hence recommended for Translocation.
9	5	Neem	0.75	6.00	4.00	Translocation	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. This tree is having healthy canopy which can overcome the stress and grow well. Hence recommended for Translocation.
10	6	Eucalyptus	2.50	12.00	7.00	Felling	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. This tree is silviculturally matured. Hence recommended for felling.
11	7	Neem	0.90	6.00	5.00	Translocation	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. This tree is having healthy canopy which can overcome the stress and grow well. Hence recommended for Translocation.
12	8	Peepal	5.50	14.00	20.00	Felling	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of

SI No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							traffic, it has to be cleared. This tree is silviculturally matured. Hence recommended for felling.
13	9	Jamun	2.00	12.00	4.00	Felling	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. hence recommended for felling.
14	10	Jamun	0.90	8.00	3.00	Translocation	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. This tree is having healthy canopy which can overcome the stress and grow well, hence recommended for Translocation.
15	11	Mango	0.60	4.00	1.00	Felling	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. This tree is Asymmetrical in appearance, hence recommended for felling.
16	12	Rain tree	3.50	12.00	15.00	Felling	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. This tree is silviculturally

SI No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							matured, hence recommended for felling.
17	13	Eucalyptus	2.15	10.00	8.00	Felling	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. This tree is silviculturally matured, hence recommended for felling.
18	14A	Honge	1.55	10.00	4.00	Felling	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. Hence recommended for felling.
	14B	Honge	0.90	7.00	3.00		Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. Hence recommended for felling.
19	15	Honge	2.00	10.00	8.00	Felling	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. Hence recommended for felling.
20	16	Honge	0.80	4.00	5.00	Felling	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared.

SI No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							This tree is not healthy, hence recommended for felling.
21	17	Mango	1.45	8.00	5.00	Felling	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. This tree is not healthy, hence recommended for felling.
22	18	Mango	0.85	6.00	3.00	Felling	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. This tree is not healthy, hence recommended for felling.
23	19	Honge	1.15	6.00	7.00	Felling	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. Hence recommended for felling.
24	20	Honge	2.20	7.00	8.00	Felling	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. Hence recommended for felling.
25	21	Neem	0.90	4.50	3.00	Translocation	Since the tree is present in the proposed diversion/service road of the metro station and will

SI No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							obstruct the movement of traffic, it has to be cleared. This tree is having healthy canopy which can overcome the stress and grow well, hence recommended for Translocation.
26	35	Peepal	1.50	7.00	3.00	Translocation	Since the tree is present in the metro station Entry /Exit area, it has to be cleared. This tree is having healthy canopy which can overcome the stress and grow well, hence recommended for Translocation.
27	36	Peepal	1.65	7.00	4.00	Translocation	Since the tree is present in the metro station Entry /Exit area, it has to be cleared. This tree is having healthy canopy which can overcome the stress and grow well, hence recommended for Translocation.
28	37	Jamun	1.20	7.50	4.00	Translocation	Since the tree is present in the metro station box area, it has to be cleared. This tree is having healthy canopy which can overcome the stress and grow well, hence recommended for Translocation.
29	38	Eucalyptus	3.00	12.00	6.00	Felling	Since the tree is present in the metro station box area, it has to be cleared. Hence recommended for felling.
30	39	Dalbergia Latifolia	0.70	7.50	3.00	Retention	Since metro station box is modified slightly and not

SI No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							hindering any of project activities. Hence recommended for Retention.
31	40	Teak	0.40	5.00	1.00	Retention	Since metro station box is modified slightly and not hindering any of project activities. Hence recommended for Retention.
32	41	Subabul	1.30	9.00	6.00	Retention	Since metro station box is modified slightly and not hindering any of project activities. Hence recommended for Retention.
33	42	Coconut	1.00	10.00	4.00	Felling	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. Hence recommended for felling.
34	43	Coconut	1.00	12.00	3.00	Felling	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. Hence recommended for felling.
35	44	Coconut	1.10	10.00	4.00	Felling	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. Hence recommended for felling.

Sl No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
36	45	Coconut	0.95	10.20		Felling	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. Hence recommended for felling.
37	Un numbered	Banni mara	1.30	7.00		Translocation	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. This tree is having healthy canopy which can overcome the stress and grow well, hence recommended for Translocation.
Lakkasandra							
38	22	Rain Tree	2.10	9.00	8.00	Translocation	Since the tree is present in the metro station box area, it has to be cleared. This tree is having healthy canopy which can overcome the stress and grow well, hence recommended for Translocation.
39	23A	Spathodea	0.90	10.00	2.00	Felling	Since the tree is present in the metro station box area, it has to be cleared. Hence recommended for felling.
	23B	Spathodea	1.00	6.00	2.00		Since the tree is present in the metro station box area, it has to be cleared. Hence recommended for felling.
40	24	Banyan tree	0.85	5.00	4.00	Translocation	Since the tree is present in the metro station box area, it has to be cleared. This

SI No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							tree is having healthy canopy which can overcome the stress and grow well, hence recommended for Translocation.
41	25	Peepal	4.50	12.00	15.00	Felling	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. This tree is silviculturally matured, hence recommended for felling.
42	26	Jamun	1.40	6.00	4.00	Translocation	Since the tree is present in the metro station box area, it has to be cleared. This tree is having healthy canopy which can overcome the stress and grow well, hence recommended for Translocation.
43	27	Rain Tree	3.75	8.00	15.00	Felling	Since the tree is present in the metro station box area, it has to be cleared. This tree is silviculturally matured, hence recommended for felling.
44	28	Fig	3.20	8.00	8.00	Felling	Since the tree is present in the metro station box area, it has to be cleared. This tree is silviculturally matured, hence recommended for felling.
45	29	Peepal	5.50	12.00	15.00	Felling	Since the tree is present in the metro station piling work area, it has to be cleared. This tree is silviculturally matured,

Sl No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							hence recommended for felling.
46	30	Buruga Tree	2.30	10.00	5.00	Felling	Since the tree is present in the metro station piling work area, it has to be cleared. This tree is silviculturally matured, hence recommended for felling.
47	31	Mango tree	0.85	5.00	1.00	Translocation	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. This tree is having healthy canopy which can overcome the stress and grow well, hence recommended for Translocation.
48	32	Jack Fruit	0.45	2.50	Nil	Felling	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. This tree is dead and diseased, hence recommended for felling.
49	33	Peepal	2.50	10.00	7.00	Translocation	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. This tree is having healthy canopy which can overcome the stress and grow well, hence

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SI No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							recommended for Translocation.
50	34	Spathodea	2.50	8.00	Nil	Felling	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of traffic, it has to be cleared. This tree is dead and diseased, hence recommended for felling.
51	47	Coconut	0.90	9.00	4.00	Felling	Since the tree is present in the metro station box area, it has to be cleared. Hence recommended for felling.
52	48	Coconut	0.95	9.00	3.00	Felling	Since the tree is present in the metro station box area, it has to be cleared. Hence recommended for felling.
53	49	Coconut	0.95	11.00	3.00	Felling	Since the tree is present in the metro station box area, it has to be cleared. Hence recommended for felling.
54	50	Coconut	0.80	9.00	3.00	Felling	Since the tree is present in the metro station box area, it has to be cleared. Hence recommended for felling.
55	51	Coconut	1.00	11.00	4.00	Felling	Since the tree is present in the metro station box area, it has to be cleared. Hence recommended for felling.
56	52	Coconut	0.85	11.00	4.00	Felling	Since the tree is present in the metro station box area, it has to be cleared. Hence recommended for felling.
57	53	Coconut	0.65	8.00	2.50	Felling	Since the tree is present in the proposed diversion/service road of the metro station and will obstruct the movement of

Sl No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							traffic, it has to be cleared. Hence recommended for felling.
M G Road							
58	73	Gulmohar	1.90	7.00	9.00	Felling	Since the tree is present in the metro station Entry /Exit area, it has to be cleared. Hence recommended for felling.
59	74	Honge	1.30	12.00	8.00	Felling	Since the tree is present in the metro station Entry /Exit area, it has to be cleared. Hence recommended for felling.
60	75	Peltophora m	1.40	10.00	6.00	Felling	Since the tree is present in the metro station Entry /Exit area, it has to be cleared. Hence recommended for felling.
61	76	Honge	1.20	5.00	5.00	Felling	Since the tree is present in the metro station Entry /Exit area, it has to be cleared. Hence recommended for felling.
62	77	Sampige	0.90	6.00	Nil	Felling	Since the tree is present in the metro station box area, it has to be cleared. This tree is not in good condition, hence recommended for felling.
63	78	Mahagani	1.40	12.00	6.00	Translocation	Since the tree is present in the metro station Entry /Exit area, it has to be cleared. This tree is having healthy canopy which can overcome the stress and grow well, hence recommended for Translocation.

Sl No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
64	79	Mahagani	1.00	10.00	7.00	Translocation	Since the tree is present in the metro station box area, it has to be cleared. Hence recommended for Translocation.
65	80	Mahagani	1.60	14.00	5.00	Translocation	Since the tree is present in the metro station box, it has to be cleared. Hence recommended for Translocation.
66	81	Basavanapada	0.55	4.00	1.00	Translocation	Since the tree is present in the metro station box area, it has to be cleared. Hence recommended for Translocation
Cantonment Station							
67	1	Dalichandra	1.3m	8m	3.0m	Felling	The tree is present within the project activity area proposed for movement of gantry used for shifting heavy and large segments for underground tunnel construction; therefore the tree cannot be retained The tree is recommended for Felling
68	2	Basavanapada	1.2m	5m	4.0m	Felling	The tree is present within the project activity area proposed for movement of gantry used for shifting heavy and large segments for underground tunnel construction; therefore the tree cannot be retained The tree is matured, tree do not fit for translocation The tree is recommended for Felling
69	3	Sampige tree	0.9m	10m	4.0m	Felling	The tree is present within the project activity area proposed for movement of

Sl No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							gantry used for shifting heavy and large segments for underground tunnel construction; therefore the tree cannot be retained The tree is matured, tree do not fit for translocation The tree is recommended for Felling
70	4	Rain tree	2.2m	15m	6.0m	Felling	The tree is present within the project activity area (includes heavy machinery movement during construction activities followed by entry/exit to station), therefore the tree cannot be retained The tree is recommended for Felling
71	5	Spathodia	2.0m	10m	4.0m	Felling	The tree is present within the project activity area (includes heavy machinery movement during construction activities followed by entry/exit to station), therefore the tree cannot be retained The tree is matured and huge, hence the tree cannot be translocated The tree is recommended for Felling
72	6	Rain tree	1.3m	11m	3.0m	Felling	The tree is dried and dead, The tree is recommended for Felling
73	7	Rain tree	2.2m	12m	15m	Felling	The tree is matured and huge therefore excavation of appropriate size and quality root ball is not possible and hence the tree

SI No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							cannot be translocated The tree is recommended for Felling
74	8	Rain tree	2.3m	18m	15m	Felling	The tree is present within the project activity area The tree is matured and huge and appropriate size and quality root ball is not possible and hence the tree cannot be translocated The tree is recommended for Felling
75	9	Sampige Tree	0.65 m	6.0m	1.5m	Felling	The tree is present within the project activity area The tree is forked where one of the forked branch is dead and further weakened / decayed the forking region, therefore the tree do not fit for translocation The tree is recommended for Felling
76	10	Dalichandra	1.05 m	8.0m	3.0m	Felling	The tree is standing very close to the newly constructed retaining wall, therefore excavation of ball of earth is not possible for translocation The tree is recommended for Felling
77	11	Dalichandra	1.40 m	10.0m	4.0m	Felling	The tree is matured, with minor defects near the base and dried branches in the top The tree is standing very close to the newly constructed retaining wall, therefore excavation of ball of earth is not possible for translocation

SI No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							The tree is recommended for Felling
Pottery Town Station							
78	1	Rain Tree	3.0m	12m	10.0m	Felling	The tree is matured, decayed, traces of short hole Boring infestation in dried branches therefore excavation of proportionate ball of earth to the girth / canopy is not possible for translocation The tree is recommended for Felling
79	2	Peepal Tree	7.0 m	20m	15.0m	Felling	The tree is present within the project activity area proposed for movement of Tunnel Boring Machine and gantry used for shifting heavy and large segments for underground tunnel construction; therefore the tree cannot be retained The tree is matured and huge in size and standing near to the newly constructed retaining wall, therefore excavation of proportionate ball of earth to the girth / canopy is not possible for translocation The tree is recommended for Felling
80	3	Peepal Tree	4.6m	20m	15.0m	Felling	The tree is present within the project activity area proposed for movement of Tunnel Boring Machine and gantry used for shifting heavy and large segments for underground tunnel construction; therefore the tree cannot be retained

Sl No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							The tree is matured and huge in size and standing near to the newly constructed retaining wall, therefore excavation of proportionate ball of earth to the girth / canopy is not possible for translocation The tree is recommended for Felling
Tannery Road Station							
81	1	Ashoka	1.3m	10m	2m	Felling	Tree is present in the area proposed for excavation of soil for construction of station box with entry and exit; The tree is matured with canker symptoms in the base (trunk collar) therefore the tree cannot be Translocated The tree is recommended for Felling
82	2	Mango	0.9m	7m	4m	Felling	Tree is present in the area proposed for excavation of soil for construction of station box with entry and exit; The tree is recommended for Felling
83	3	Ashoka	1.2m	12m	3m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is recommended for Felling
84	4	champak Sampige	0.70 m	10m	2m	Translocationa tion	Tree is present in the area proposed for excavation of soil for construction of

SI No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							station box with entry and exit; The tree is healthy The tree is recommended for Translocation / Translocation
85	5	Ashoka	1.04 m	12m	13m	Felling	Tree is present in the area proposed for excavation of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured. The tree is recommended for Felling
86	6	Jack fruit	1.4m	16m	2m	Felling	Tree is present in the area proposed for excavation of soil for construction of station box with entry and exit; The tree is dried and dead, The tree is recommended for Felling
87	7	Ashoka	1.0m	12m	2m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is recommended for Felling
88	8	Honge	1.15 m	10m	5m	Felling	Tree is present in the area proposed for excavation of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is recommended for Felling
89	9	Jack fruite	1.1m	12m	4m	Translocationa tion	Tree is present in the area proposed for excavation of

SI No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is healthy The tree is recommended for Translocation / Translocationation
90	10	Ashoka	1.1m	12m	2m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; The tree is matured with decay in the base The tree is recommended for Felling
91	11	Honge	1.24 m	08m	6m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; The tree is matured with decay symptoms.The tree is recommended for Felling
92	12	Mango	0.65 m	08m	3m	Translocationation	Tree is present in the area proposed for excavation of soil for construction of station box with entry and exit; The tree is healthy The tree is recommended for Translocation / Translocationation
93	13	Ashoka	1m	10m	4m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with

Sl No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							severe bark split at the base The tree is recommended for Felling
94	14	Ashoka	1.10 m	12m	3m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split at the base and the tree do not qualify for translocation The tree is recommended for Felling
95	15	Ashoka	1.20 m	12m	3m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split at the base The tree is recommended for Felling
96	16	Ashoka	1.10 m	10m	3m	Felling	Tree is present in the area proposed for excavation of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split at the base and the tree do not qualify for translocation The tree is recommended for Felling
97	17	Ashoka	1.12 m	10m	3m	Felling	Tree is present in the area proposed for excavation of

SI No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split and decay symptoms at collar portion of the tree, therefore the tree do not qualify for translocation The tree is recommended for Felling
98	18	Ashoka	0.95 m	12m	2m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split and decay symptoms The tree is recommended for Felling
99	19	Mango	1.20 m	10m	5m	Translocation	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is healthy The tree is recommended for Translocation / Translocation
100	20	Ashoka	1.1m	10m	3m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained

SI No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							The tree is matured with severe bark split, decay symptoms and termite infestation at collar portion of the tree, therefore the tree do not qualify for translocation The tree is recommended for Felling
101	21	Ashoka	0.97 m	12m	3m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split, decay symptoms, The tree is recommended for Felling
102	22	Ashoka	1.25 m	12m	3m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split, The tree is recommended for Felling
103	23	Mango	0.80 m	4m	0	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split & canker, The tree is recommended for Felling

SI No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
104	24	Ashoka	1.05 m	10m	4m	Felling	<p>Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained</p> <p>The tree is matured with severe bark split and peeled, decay symptoms and termite infestation at collar portion of the tree, therefore the tree do not qualify for translocation The tree is recommended for Felling</p>
105	25	Ashoka	0.95 m	12m	2m	Felling	<p>Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained</p> <p>The tree is partially drying with bark completely removed all around the trunk at the base, The tree is recommended for Felling</p>
106	26	Ashoka	0.80 m	10m	1m	Felling	<p>Tree is present within entry and exit structure; base is removed and the exposed therefore the tree do not qualify for translocation The tree is recommended for Felling</p>
107	27	Ashoka	0.85 m	10m	2m	Translocationa tion	<p>Tree is present within entry and exit structure. The tree is young The tree is recommended for Translocation / Translocationa</p>

Sl No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
108	28	Jack fruit	1.20 m	12m	2m	Felling	Tree is present within entry and exit structure. The tree is matured, dried / dead branches. The tree is recommended for Felling
109	29	Ashoka	1.0m	10m	3m	Felling	Tree is present within entry and exit structure therefore the tree cannot be retained The tree is matured with severe bark split. The tree is recommended for Felling
110	30	Ashoka	1.40 m	12m	4m	Felling	Tree is present within entry and exit structure therefore the tree cannot be retained The tree is matured with severe bark split. The tree is recommended for Felling
111	31A	Mango	0.7m	8m	3m	Felling	Tree is present within entry and exit structure therefore the tree cannot be retained The tree is matured with severe bark split. The tree is recommended for Felling
112	32	Hathi	2.30 m	12m	6m	Felling	Tree is present within entry and exit structure therefore the tree cannot be retained The tree is matured with severe bark split. The tree is recommended for Felling
113	33	Hathi	2.4m	12m	5m	Felling	Tree is present within entry and exit structure therefore the tree cannot be retained The tree is matured with severe bark split. The tree is recommended for Felling
114	34A	Mango	1m	9m	5m	Felling	Tree is present within entry and exit structure therefore the tree cannot be retained The tree is matured with

Sl No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							forked trunks The tree is recommended for Felling
115	35A	Huvarsi	1.1m	10m	5.5m	Felling	Tree is present within entry and exit structure therefore the tree cannot be retained The tree is matured with forked trunks The tree is recommended for Felling
116	36	Spathodia	2.1m	12m	4m	Felling	Tree is present within entry and exit structure therefore the tree cannot be retained The tree is matured with forked trunks The tree is recommended for Felling
117	37	Dalichanda	0.9m	14m	0	Felling	Tree is present within entry and exit structure therefore the tree cannot be retained The tree is matured with forked trunks The tree is recommended for Felling
118	38	Paper	0.75 m	6m	4m	Felling	Tree is present within entry and exit structure therefore the tree cannot be retained The tree is matured with forked trunks The tree is recommended for Felling
119	39	Neem	0.66 m	7m	3m	Felling	Tree is present in the area proposed for excavation of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is bending, with its canopy The tree is recommended for Felling
120	40	Cherry	0.65 m	3.5m	0m	Felling	Tree is present in the area proposed for excavation of soil for construction of station box with entry and exit; therefore the tree

Sl No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							cannot be retained The tree is dried / dead The tree is recommended for Felling
121	41	Hunase	1.6m	12m	10m	Felling	Tree is present within entry and exit structure .The tree is matured with canker face The tree is recommended for Felling
122	42	Cherry	0.5m	6m	0	Felling	Tree is present within entry and exit structure The tree is dried / dead The tree is recommended for Felling
123	43	Honge	0.45 m	5m	0	Translocationa tion	Tree is present within entry and exit structure The tree is young without major damages. The tree is recommended for Translocation
124	44A	Spathodia	0.95 m	08m	4m	Felling	Tree is present within entry and exit structure. The tree is matured with both the trunks conjoined together from the bottom The tree is recommended for Felling
125	45	Neem Tree	1.10 m	7m	3m	Felling	Tree is present within entry and exit structure. The tree do not qualify the tree for translocation, The tree is recommended for Felling
126	46	Arali Tree	1.25 m	11m	4m	Translocationa tion	Tree is present within entry and exit structure The health of the tree qualifies for translocation The tree is recommended for Translocation

Sl No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
Venkateshpura station							
127	1	Neem Tree	0.80 m	7.0m	0	Felling	Tree is hindrance to installation of Gantry Crane. Tree is completely dried. Hence, recommended for felling.
128	2	Mango Tree	1.00 m	8.0m	4.0m	Felling	Tree is hindrance to installation of Gantry Crane. Tree is matured, mechanically damage,. Hence, recommended for felling
129	3	Paper Tree	1.20 m	12.0m	4.0m	Felling	Tree is located within project area i.e., construction of station box. Roots are exposed to soil surface. Hence, recommended for felling.
	3A		1.0m	12.0m	4.0m		
	3B		1.0m	12.0m	4.0m		
	3C		0.6m	8.0m	2.0m		
130	6	Tabubia tree	1.20 m	14.0m	6.0m	Felling	Tree causing hindrance to construction of road for traffic diversion. Tree is mature. Hence, recommended for felling
K G Halli Station							
131	1	Peltopharm	1.23 m	7.0m	8.0m	Felling	Tree is hindrance to installation of Gantry Crane. Tree is matured, Hence, recommended for felling
132	2	Peltopharm a	1.80 m	7.0m	8.0m	Felling	Tree is hindrance to installation of Gantry Crane. Tree is matured, Hence, recommended for felling
133	3	Seemethang adi	0.65 m	6.0m	4.0m	Felling	• Tree is hindrance to installation of Gantry

SI No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							Crane. Tree is matured, mechanically damage,. Hence, recommended for felling
134	4	Badam	0.79 m	6.0m	3.5m	Felling	Tree is hindrance to installation of Gantry Crane. Tree is matured, mechanically damage,. Hence, recommended for felling.
CC-1, Nagawara Station, CC-2 & Ramp							
135	1	Rain Tree	1.2m	5.0m	8m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. • Tree is mechanically damaged. • Hence, recommended for felling.
136	2	Honge	0.28 m	2.85m	4.7m	Translocation	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. • Tree is young and healthy. • Hence, recommended for translocation.
137	3	Honge	0.3m	3.3m	5.5m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. • Tree has forked branches,. • Hence, tree is recommended for felling.
	3a		0.3m	3.3m	2.7m		
138	4	Aralimara	0.75 m	5.0m	2.9m	Translocation	Tree is located within the project area. Tree is young

Sl No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							and healthy. • Hence, recommended for translocation.
139	5	Honge	0.65 m	4m	4.6m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. • Tree is mechanically damaged and found wood Boring on the stem. • Hence, recommended for felling.
140	6	Coconut	1.15 m	12.25m	5m	Felling	Tree is located in project area, Hence Recommended for felling
141	7	Coconut	1.2m	11.8m	5m	Felling	Tree is located in project area, Hence Recommended for felling.
142	8	Coconut	1.15 m	12.2m	5m	Felling	Tree is located in project area, Hence Recommended for felling
143	9	Ashoka	1.15 m	7.0m	1m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. • The base of stem is girdled due to constrictions. • The appropriate root ball of earth cannot be excavated. • Hence, recommended for felling.
144	10	Acacia	1.13 m	4.5m	8.8m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area, this space is used construction of road for traffic diversion • Tree has forked branches, mechanically damaged, one branch is fallen.

Sl No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							<ul style="list-style-type: none"> • Hence, recommended for felling.
145	11	Silver oak	0.8m	10.6m	3.4m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. • The success rate of translocation trees are very less. • Hence, recommended for felling.
146	12	Honge	0.7m	3.8m	10m	Translocation	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. • Tree is young and healthy. • Hence, recommended for translocation.
147	13	Basavan pada	0.77 m	4.2m	5.5m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. • Tree has forked branches, and found bulging of bole at the base and three major branches are dried. • Hence, recommended for felling.
148	14	Honge	0.8m	4.0m	6.2m	Translocation	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. • Tree is young and healthy. • Hence, recommended for translocation.

Sl No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
149	15	Coconut	0.9m	11.35m	5.5m	Felling	Tree is located in project area, Hence Recommended for felling
150	16	Coconut	0.9m	10.15m	5.3m	Felling	Tree is located in project area, Hence Recommended for felling
151	17	Coconut	0.9m	12.2m	5.5m	Felling	Tree is located in project area, Hence Recommended for felling
152	18	Coconut	1.2m	10.4m	5.8m	Felling	Tree is located in project area, Hence Recommended for felling
153	19	Coconut	1.2m	11.1m	5.3m	Felling	Tree is located in project area, Hence Recommended for felling
154	20	Coconut	1m	11.2m	5.8m	Felling	Tree is located in project area, Hence Recommended for felling
155	21	Coconut	1.1m	10.7m	6.1m	Felling	Tree is located in project area, Hence Recommended for felling
156	22	Mango	0.5m	2.5m	3.3m	Translocation	Tree is located in project area, Hence Recommended for felling
157	23	Coconut	1.1m	10.25m	5.1m	Felling	Tree is located in project area, Hence Recommended for felling
158	24	Coconut	0.8m	8.45m	5.1m	Felling	Tree is located in project area, Hence Recommended for felling
159	25	Neem	0.75 m	4.0m	15m	Felling	Tree is located in the project area and causes hindrance to construction within the station box. Tree has forked branches Hence, recommended for felling

Sl No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
160	26	Coconut	1.1m	8.85m	5.5m	Felling	Tree is located in project area, Hence Recommended for felling
161	27	Coconut	1.15 m	9.84m	5.1m	Felling	Tree is located in project area, Hence Recommended for felling
162	28	Coconut	0.85 m	10.35m	5.4m	Felling	Tree is located in project area, Hence Recommended for felling
163	29	Mango	0.45 m	4.0m	4.3m	Translocation	Tree is hindrance to construction of station box Tree is young and healthy. Hence recommended for Translocation.
164	30	Mango	0.35 m	4.2m	1.7m	Translocation	Tree is hindrance to construction of station box Tree is young and healthy. Hence recommended for Translocation.
165	31	Coconut	1m	10.5m	3.3m	Felling	Tree is located in project area, Hence Recommended for felling
166	32	Coconut	1.1m	11m	4.5m	Felling	Tree is located in project area, Hence Recommended for felling
167	33	Mango	0.75 m	4.0m	5.8m	Translocation	Tree is hindrance to construction of station box Tree is young and healthy. Hence recommended for Translocation.
168	34	Coconut	1m	9.5m	4.7m	Felling	Tree is located in project area, Hence Recommended for felling
169	35	Coconut	0.85 m	10m	4.8m	Felling	Tree is located in project area, Hence Recommended for felling
170	36	Nerale	0.75 m	4.0m	3.3m	Translocation	Tree is hindrance to construction of station box Tree is young and healthy.

Sl No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							Hence recommended for Translocation.
171	37	Coconut	1.1m	11.2m	4.7m	Felling	Tree is located in project area, Hence Recommended for felling
172	38	Jack fruit	0.85 m	4.5m	4.4m	Translocation	Tree is hindrance to construction of station box Tree is young and healthy. Hence recommended for Translocation.
173	39	Badami	0.85 m	4.0m	5.7m	Translocation	Tree is hindrance to construction of station box Tree is young and healthy. Hence recommended for Translocation.
174	40	Paper	1.4m	7.0m	4.9m	Felling	Tree is located within the project area and it causes to road diversion work. Hence recommended for felling.
175	41	Hooovu arasi	1.2m	4.5m	4.5m	Felling	Tree is located within the project areas and it causes hindrance to installation of Gantry Crane. Tree is having forked branches, major branches are dried. Hence recommended for felling.
176	42	Honge	0.8m	3m	3.1m	Felling	Tree is located within the project areas and it causes hindrance to installation of Gantry Crane. Tree is having forked branches, major branches are dried. Hence recommended for felling.
177	43	Honge	0.6m	4m	4m	Translocation	• Tree is located within the project areas and it causes hindrance to installation of Gantry Crane.

SI No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							<ul style="list-style-type: none"> • Tree is young, healthy. • Hence, recommended for Translocation.
178	44	Honge	1.5m	4.0m	7.2m	Felling	<p>Tree is located within the project areas and it causes hindrance to installation of Gantry Crane.</p> <ul style="list-style-type: none"> • Tree has forked branches. • Hence recommended for felling.
179	45	Honge	0.8m	3.5m	4.8m	Translocation	<ul style="list-style-type: none"> • Tree is located within the project areas and it causes hindrance to installation of Gantry Crane. • Tree is young, healthy. • Hence, recommended for Translocation.
180	46	Sweet Hunase	0.8m	4.0m	4m	Felling	<p>Tree is located within the project areas and it causes hindrance to installation of Gantry Crane.</p> <ul style="list-style-type: none"> • Tree has forked branches. • Hence recommended for felling.
	46 (a)		0.7m	4.0m	3.4m		
	46 (b)		0.6m	4.0m	3m		
	46 (c)		0.75 m	4.0m	3.1m		
181	49	Coconut	0.9m	8m	4.6m	Felling	Tree is located in project area, Hence Recommended for felling
182	50	Teak	1.2m	4.5m	6.5m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causes hindrance to construction of ECS plant room of station. • Mechanically damaged

SI No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							<ul style="list-style-type: none"> • Hence recommended for felling.
183	51	Teak	1.3m	4.0m	4.3m	Felling	<ul style="list-style-type: none"> • Tree causes hindrance to construction of ECS plant room of station. • Hence recommended for felling.
184	52	Jeevi	1m	3.5m	6.6m	Translocation	<p>Tree is hindrance for construction of ECS plant room of station. Tree is Helathy</p> <ul style="list-style-type: none"> • Hence, recommended for translocation.
185	53	Mango	1.3m	3.5m	8.5m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causes hindrance to construction of ECS plant room of station. two major branches are dried. • Hence recommended for felling.
186	54	Jeevi	0.7m	4.0m	3.5m	Translocation	<p>Tree is hindrance for construction of ECS plant room of station. Tree is Helathy</p> <ul style="list-style-type: none"> • Hence, recommended for translocation.
187	55	Coconut	0.85 m	12.5m	4.6m	Felling	<p>Tree is located in project area, Hence Recommended for felling</p>
188	56	Spathodia	1m	5.5m	1.5m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causes hindrance to the construction of station box. • Tree is not having clear bole • Hence recommended for felling.
189	57	Arali	0.84 m	4.5m	2.1m	Translocation	<ul style="list-style-type: none"> • Tree hindrance to the construction of entry

Sl No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							structure of station. • Tree young and healthy • Hence recommended for Translocation.
190	58	Neem	0.97 m	5.0m	5.5m	Felling	• Tree is located within the project area and causes hindrance to the construction of station box. • Tree is not having clear bole • Hence recommended for felling
191	59	Badami	0.25 m	2.5m	3.9m	Translocation	• Tree is located within the project area and causes hindrance to the construction of station area. • Tree is young and healthy • Hence recommended for Translocation.
192	60	Dalichand	1m	6.5m	6.5m	Retention	• Tree is located at the corner of the road entrance and it is not causing any hindrance to the traffic or any construction. • Hence, recommended for retention.
193	61	Arali	0.75 m	4.5m	2.7m	Translocation	• Tree is located at the construction of road for traffic diversion • Tree is young and healthy tree. • Hence, recommended for translocation.
194	62	Hooovu arasi	1.3m	3.0m	10.4m	Felling	• Tree is located at the construction of road for traffic diversion • Tree is mechanically damaged. • Hence, recommended for felling.

Sl No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
195	63	Neem	0.85 m	3.5m	8.3m	Felling	<ul style="list-style-type: none"> • Tree is located at the construction of road for traffic diversion • Tree is mechanically damaged. • Hence, recommended for felling.
196	64	Jack fruit	0.75 m	4.5m	2.5m	Translocation /	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to Cut & Cover. Tree is young and healthy tree. • Hence, recommended for translocation.
197	65	Honge	0.85 m	2.0m	1m	felling	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to Cut & Cover-2 tunnel and road diversion work. • Tree is mechanically damaged. • Hence, recommended for felling.
198	66	Gulmohr	1.85 m	5.0m	15.9m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to Cut & Cover-Tree is partially dried. • Hence, recommended for felling.
199	68	Honge	1.2m	4.0m	7.3m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to installation of Gantry Crane/movement of piling rig. • Tree is mechanically damaged. • Hence, recommended for felling
200	69	Honge	0.8m	4.5m	7.6m	Felling	<ul style="list-style-type: none"> • Tree is causing hindrance to installation of Gantry

SI No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							Crane/movement of piling rig. • Two branches are already felled. • Hence, recommended for felling
201	70	Honge	0.8m	4.0m	7.3m	Felling	• Tree is located within the project area and causing hindrance to installation of Gantry Crane/movement of piling rig. • Tree is mechanically damaged. • Hence, tree is recommended for felling
202	71	Honge	1.3m	4.5m	8.5m	Felling	• Tree is located within the project area and causing hindrance to installation of Gantry Crane/movement of piling rig.. • Tree is matured. • Hence, tree is recommended for felling
	71a		0.9m	4.0m	9m		
203	72	Honge	0.8m	4.5m	4.8m	Felling	• Tree is located within the project area and causing hindrance to installation of Gantry Crane/movement of piling rig. • Tree is having forked branches, more than 25 % of the stem is decayed. • Hence, recommended for felling.
204	73	Honge	0.9m	4.0m	7.6m	Felling	• Tree is located within the project area and causing hindrance to installation of Gantry Crane/movement of piling

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SI No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
							rig. • It has forked branches, mechanically damaged, Hence, recommended for felling.
205	74	Mango	0.36 m	3.5m	1.5m	Translocation	<ul style="list-style-type: none"> • Tree is located within the project areas and causing hindrance to construction of TBM Retrieval shaft. • Tree is young and healthy. • Hence, recommended for translocation.
206	75	Mango	0.52 m	3.5m	2.5m	Translocation	<p>Tree is located within the project areas and causing hindrance to construction of TBM Retrieval shaft.</p> <ul style="list-style-type: none"> • Tree is young and healthy. • Hence, recommended for translocation.
207	76	Mango	0.43 m	3.0m	1.5m	Translocation	<ul style="list-style-type: none"> • Tree is located within the project areas and causing hindrance to construction of TBM Retrieval shaft, appropriate root ball of earth cannot be excavated • Hence, recommended for felling.
208	77	Mango	0.47 m	2.5m	1.5m	Felling	<ul style="list-style-type: none"> • Tree is located within the project areas and causing hindrance to construction of TBM Retrieval shaft, appropriate root ball of earth cannot be excavated • Hence, recommended for felling.

Sl No	Tree Number	Species	GBH (m)	Height (m)	Crown Spread (m)	Preliminary Assessment (Onsite Retention / Translocation / Felling)	Justification
209	78	Jamun	0.87 m	4.5m	7.7m	Felling	<p>Tree is located within the project areas and causing hindrance to construction of TBM Retrieval shaft, appropriate root ball of earth cannot be excavated</p> <p>• Hence, recommended for felling.</p>
	78a		0.75 m	4.5m	8m		
210	79	Melia Dubia	0.7m	4m	6.7m	Translocation	<p>• Tree is located within the project area and causing hindrance to the construction of TBM Retrieval shaft.</p> <p>• Two branches of this tree is mechanically damaged, however, this tree is recommended for translocation.</p>
211	80	Rain Tree	1.2m	5.0m	17m	Felling	<p>• Tree is causing hindrance to the construction of TBM Retrieval shaft. Tree is mechanically damaged.</p> <p>• Hence, recommended for felling</p>
	80a		1.3m	5.0m	17m		
212	81	Honge	1.3m	4.5m	16.6m	Felling	<p>• Tree is causing hindrance to the construction of TBM Retrieval shaft. Tree is mechanically damaged.</p> <p>• Hence, recommended for felling</p>

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Summery:

Total number of trees recommended for on-site retention	05
Total number of trees recommended as suitable for translocation	49
Total number of trees recommended for felling	158


**TREE OFFICER
&
DEPUTY CONSERVATOR OF FORESTS
BRUHAT BANGALORE MAHANAGARA PALIKE
BENGALURU.**

**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 Ltd.
Purpose of the project	Construction of Underground Metro Tunnel and Stations between South Ramp (Jayanagar Fire Station) to Nagawara, Reach 6 (UG).
Extent of the project area	South Ramp (Jayanagar Fire Station) to Nagawara, Reach 6 (UG). For length of 13.89 Kms.
Location of the project area	South Ramp (Jayanagar Fire Station) to Nagawara, Reach 6 (UG).(All 10 Locations)
No. of tree(s) enumerated in the project area	276
Number of tree(s) proposed for removal by user agency	212
Number of tree(s) for on-site retention as per preliminary assessment by Tree Officer	05
Number of tree(s) for transplantation/ translocation as per preliminary assessment by Tree Officer	49
Number of tree(s) for felling as per preliminary assessment by Tree Officer	158
Summary of Proceedings* of consideration of objections received from public by Tree Officer	<p>i. The very purpose of inviting objections/suggestions is to get the views of the stakeholders in an organized manner and to consider them carefully while deciding the application. A public hearing is neither required as per the law or the MOP formulated by the TEC, nor it is practical. All objections received in response to the public notice in response to the public notice have been examined carefully.</p> <p>ii. The objections have to be called in a structured manner upfront on receipt of the application, and not after end of the process on receipt of the report from TEC.</p> <p>iii. The removal of the trees in necessary for construction of the sustainable public transport system by way of metro system and the complementary roads and facilities for the other modes of transport.</p> <p>iv. A change in the metro alignment or other road infrastructure or carrying out the project without removal of the tress is not feasible.</p> <p>v. The specific concerns of the public regarding removal of trees from their current location should be met through translocation of the trees, as feasible and practical, and also by compensatory plantation in nearby areas, as per land availability.</p>

* Note: Full proceedings with details should be appended.

Date:

11/05/2018
RFO
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Assistant Conservator of Forest
Bruhat-Bangalore Mahanagara Palike
Bangalore

TREE OFFICER
&
DEPUTY CONSERVATOR OF FORESTS
BRUHAT BANGALORE MAHANAGARA PALIKE
BENGALURU.

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Annexure – 4

ANNEXURE - 4

Proceedings of Tree Expert Committee meeting dated 17.12.2020 and 25.02.2021 in respect of review of BMRCL application BMRCL/0163/P-2/CE-UG/ RT-01/BBMP/2020/7701 Date 25.11.2020 for BMRCL for removal of 212 trees standing between South Ramp (Jayanagar Fire Station) and North Ramp (Nagawara) for a length of 13.89 Kms area, Reach -6, UG-Phase -2.

Application No. BMRCL/0163/P-2/CE-UG/RT-01/BBMP/2020/7701 **Date** 25.11.2020 for removal of trees standing between South Ramp (Jayanagar Fire Station) and North Ramp (Nagawara) for a length of 13.89 Kms. (except Langford Station and All Saints Church) area for Reach 6, Phase 2 of Bengaluru Metro Project.

1. The above mentioned project area of BMRCL comprises of the following segments and the number of trees standing in each segment has been shown below:

1. ITI Ground	-	63 trees
2. Dairy Circle Metro Station	-	33 trees
3. Lakkasandra Metro Station	-	20 trees
4. MG Road Metro Station	-	09 trees
5. Cantonment Metro Station	-	11 trees
6. Pottery Town Metro Station	-	03 trees
7. Tannery Road Metro Station	-	46 trees
8. Venkateshpura Metro Station	-	06 trees
9. K G Halli Metro Station	-	04 trees
10. CC-1, Nagawara Metro Station, CC-2 & Ramp	-	<u>81 trees</u>
Total		<u>276 trees</u>

BMRCL has submitted application to remove 212 trees against the above 276 standing trees.

Details of 212 trees are as under:

1. ITI Ground	-	04 trees
2. Dairy Circle Metro Station	-	33 trees
3. Lakkasandra Metro Station	-	20 trees
4. MG Road Metro Station	-	09 trees
5. Cantonment Metro Station	-	11 trees
6. Pottery Town Metro Station	-	03 trees
7. Tannery Road Metro Station	-	46 trees
8. Venkateshpura Metro Station	-	04 trees
9. K G Halli Metro Station	-	04 trees
10. CC-1, Nagawara Metro Station, CC-2 & Ramp	-	<u>78 trees</u>
Total		<u>212 trees</u>

2. The Tree Officer and Deputy Conservator of Forests, BBMP Bangalore during the course of TEC meetings held on 17.12.2020 and again on 25.02.2021 has submitted the consolidated proceedings of his replies/remarks in response to the public notice dtd 26.11.2020 along with the assessment of trees in stages regarding application filed by BMRCL pertaining to the areas from South Ramp (Jayanagar Fire Station) to North Ramp (Nagawara) for a length of 13.89 Kms area, Reach -6, UG-Phase - 2. Total 212 trees have been assessed in this stretch of the Metro project areas. The submission is accompanied by following documents.

- 89
- a. A copy of the application dt. 25.11.2020 from BMRCL along with details and map of the area and the tree details including GPS coordinates;
 - b. The public notice (dt. 26.11.2020) issued by the Tree Officer and DCF BBMP, a complete set of the objections from the public and a copy of the consolidated proceedings dt. 24.02.2021 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).
 - c. Tree Assessment Forms in Template 2 with Part I containing tree details as furnished by Range Forest Officer and Part II containing preliminary assessment of the Tree Officer for each of 212 trees proposed to be removed 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.

3. The application was reviewed by the Tree Expert Committee (mentioned as TEC henceforth) in its meetings held on 17.12.2020 and 25.02.2021. The TEC also considered the objections received from the public, remarks and findings of the Tree Officer in respect of each objection, and the consolidated proceedings dated 24.02.2021 of the Tree Officer regarding consideration of those objections.

4. The TEC observed that total 61 number of objections and comments have been received in response to the public notice issued. Some of the objectors have suggested to reduce the number of trees to be felled to the extent possible while few of them have questioned the necessity of this project as it is going to harm the environment. A couple of objectors have also suggested for the need of commissioning the Metro Project in view of the increasing urbanization and they desired to have public consultations. Regarding these objections/remarks, it was enquired from Tree Officer and he has responded that the felling of trees will be kept to minimum and shall be done only when it is necessary. Further the provisions of KPT Act 1976 envisages issue of Public Notice to invite the objections from the public for consideration and the same has been followed by the Tree Officer. The TEC concurs with the overall findings of the Tree Officer, as recorded in Part-I of Template 3 and in the detailed statement.

5. The Chief Engineer, Social and Environment Management Unit, BMRCL and concerned Engineers of the project area were present during the meetings. 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 Projects 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")

6. 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 noted from the detailed statement containing tree details and preliminary assessment /justification, the following recommendations made by the Tree Officer.

Total number of Trees assessed in the project area	212
Total number of Trees assessed for on-site retention	05
Total number of Trees assessed as suitable for translocation	49
Total number of Trees assessed for felling	158

7. 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 spots and scheduled the field inspections on 23.12.2020 for the areas discussed during the meeting on 17.12.2020 and again on 02.03.2021 for the areas discussed during the meeting on 25.02.2021. The Tree Officer and the Representatives of BMRCL were asked to be present at the project area sites at the time of spot inspections along with all necessary documents.


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

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 for the observations/suggestions/remarks falling within the powers vested with him and for the remaining observations/suggestions/remarks related to matters other than trees, the same can be communicated to the Project Authority/Competent Authority for perusal and further action.

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.

[TEC Meeting Proceedings also attached].

Date: 25/9/21

Signatures:


Member Secretary of TEC &
Assistant Conservator of Forests
BBMP, Bangalore.

Annexure – 5

ANNEXURE – 5

Proceedings of Tree Expert Committee regarding field inspection of the trees standing between South Ramp (Jayanagar Fire Station) to North Ramp (Nagawara) for a length of 13.89 Kms area of BMRCL Project area

Case/Application No. **BMRCL/0163/P-2/CE-UG/RT-01/BBMP/2020/7701** Date **25.11.2020**

1. The above mentioned project area of BMRCL comprises of the following segments and the number of trees standing in each segment have been shown below:

1. ITI Ground	-	63 trees
2. Dairy Circle Metro Station	-	33 trees
3. Lakkasandra Metro Station	-	20 trees
4. MG Road Metro Station	-	09 trees
5. Cantonment Metro Station	-	11 trees
6. Pottery Town Metro Station	-	03 trees
7. Tannery Road Metro Station	-	46 trees
8. Venkateshpura Metro Station	-	06 trees
9. K G Halli Metro Station	-	04 trees
10. CC-1, Nagawara Metro Station, CC-2 & Ramp	-	<u>81 trees</u>
Total		<u>276 trees</u>

BMRCL has submitted application to remove 212 trees against the above 276 standing trees. Details of 212 trees are as under:

1. ITI Ground	-	04 trees
2. Dairy Circle Metro Station	-	33 trees
3. Lakkasandra Metro Station	-	20 trees
4. MG Road Metro Station	-	09 trees
5. Cantonment Metro Station	-	11 trees
6. Pottery Town Metro Station	-	03 trees
7. Tannery Road Metro Station	-	46 trees
8. Venkateshpura Metro Station	-	04 trees
9. K G Halli Metro Station	-	04 trees
10. CC-1, Nagawara Metro Station, CC-2 & Ramp	-	<u>78 trees</u>
Total		<u>212 trees</u>

2. In obedience to the orders of Hon'ble High Court of Karnataka and in furtherance of the proceedings of the meetings held on 17.12.2020 and 25.02.2021, the field inspection for assessment of trees standing in the project areas from South Ramp to North Ramp [Jayanagar Fire Station to Nagawara] over a length of 13.89 Kms, Reach -6, UG-Phase – 2 (212 trees standing in the above mentioned Metro project areas) was carried out by the TEC on **23.12.2020** and **02.03.2021**. The Tree Officer and the Representatives of BMRCL were present at the site.

3. The following activities were carried out by the TEC for each tree assessed.

- 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.
- Confirmation regarding those trees being inside the project construction area.

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- 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 about the feasibility of translocation, in case retention on site of the trees was not possible.

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 felling 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.

On-site Retention: As a first priority, the Committee tried to identify the trees that can be retained on site. Though the trees standing in the above cited Metro sites are 276 in number, BMRCL have identified that only 212 trees are hindering the project activities. The remaining 64 trees which are not hindering the project activities have been recommended by BMRCL for retention onsite. In addition to the above stated 64 trees, TEC have identified 05 more trees which are standing in the project area but not affecting the project activities. Hence the total no. of trees which have to be retained on site are $64 + 5 = 69$ trees as follows:

1. ITI Ground	-	59 trees + 01 tree	= 60 trees
2. Dairy Circle Metro Station	-	Nil + 03 trees	= 03 trees
3. Venkateshpura Metro Station	-	02 trees + Nil	= 02 trees
4. CC-1, Nagawara Metro Station, CC-2 & Ramp	-	03 trees + 01 trees	= 04 trees

Total - **64 trees + 05 trees = 69 trees**

5. On verification, it was confirmed that the remaining 207 trees which are proposed for removal by BMRCL, are falling within the following physical features of metro project.

Physical features	Tree Nos.
Trees Coming in diversion roads.	Dairy Circle- 1,2,3,4,5,6,7,8,9,10,11,12,14A&B, 15,16,18,19,20, 21,43,44,45,46 (Total 23 Nos.) Lakkasandra- 25,31,32,33,34,53 (Total 06 Nos.) Venkateshapura station – 06. (Total 1 No's) Nagavara- 10,40,61,62,63,64,65,66-(Total 8 No's)
Trees Coming in Metro Station box, Entry /Exit Areas.	Dairy Circle- 35,36,37,38- (Total 04 Nos.) Lakkasandra- 22,23A&B,24,26,27,28,29, 47,48,49,50,51,52,30– (Total 14 Nos) M G Road- 73,74,75,76 ,77 – (Total 05 Nos) Cantonment station- 4,5,6,7-(Total 04 No's) Tannery road station-

	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18, 19,20,21,22,23,24,25,26,27,28,29,30,31A&B, 32,33,34A&B,35A&B,36,37,38,39,40,41,42, 43,44A&B,45,46. (Total 46 No's) Venkateshapura station- 03 (Total 01 No's) Nagavara station – 18,19,20,21,22,23,24,25,26,27,28,29,30,31,32, 33,34,35,36,37,38,39,49,50,51,52,53,54,55,56, 57,58,59. (Total 33 no's)
Trees Coming in Secant Pile Locations.	Dairy Circle -13, 17,42 - (Total 03 Nos.) M G Road -78,79,80,81 - (Total 04 Nos.) Cantonment station – 1,2,3 –(Total 03 No's) Venkateshapura station – 1,2 – (Total 02 No's) K G Halli Station – 1,2,3,4 – (Total 04 No's) Nagavara station – 41,42,43,44,45,46A,B&C,68,69,70,71A,&B,72,73. (Total 12 No's)
Trees coming in casting / fabrication yard.	8, 9 & 10 -ITI College Ground Total – 03 trees
Trees coming in project activity area (Movement of TBM machine)	Cantonment station – 8,9,10,11 – (Total 04 No's) Pottery Town station – 1,2,3 – (Total 03 No's) Nagavara station – 74,75,76,77,78-78A,79,80-80A,81 – (Total 08 No's)
Trees coming in project activity area (Ramp retaining wall and cut and cover tunnel)	Nagavara station – 1,2,3-3A,4,5,6,7,8,9,11,12,13,14,15,16,17 – (Total 16 No's)

6. The next consideration for the Committee was to identify the trees 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.

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7. For the trees having the potential for translocation, availability of effective zone to extract the root-ball 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.

8. The assessment with justification for each tree was recorded as stipulated in Part-III of Template 2.

9. Following is the summary of recommendations of the Committee as recorded in the Template 2 Part III.

Total number of trees Standing in the Project Area -276 nos

Number of trees Sought for removal by BMRCL -212 nos

Summary: -

ITI Ground;

Total number of Trees examined/observed	04
Total number of Trees found suitable for on-site retention	01
Total number of Trees found suitable for translocation	0
Total number of Trees for felling	03

Dairy Circle Metro Station;

Total number of Trees examined/observed	33
Total number of Trees found suitable for on-site retention	03
Total number of Trees found suitable for translocation	14
Total number of Trees for felling	16

Lakkasandra Metro Station;

Total number of Trees examined/observed	20
Total number of Trees found suitable for on-site retention	0
Total number of Trees found suitable for translocation	08
Total number of Trees for felling	12

MG Road Metro Station;

Total number of Trees examined/observed	09
Total number of Trees found suitable for on-site retention	0
Total number of Trees found suitable for translocation	06
Total number of Trees for felling	03

Cantonment Metro Station;

Total number of Trees examined/observed	11
Total number of Trees found suitable for on-site retention	0
Total number of Trees found suitable for translocation	01
Total number of Trees for felling	10

Pottery Town Metro Station;

Total number of Trees examined/observed	03
Total number of Trees found suitable for on-site retention	0
Total number of Trees found suitable for translocation	0
Total number of Trees for felling	03

Tannery Road Metro Station;

Total number of Trees examined/observed	46
Total number of Trees found suitable for on-site retention	0
Total number of Trees found suitable for translocation	07
Total number of Trees for felling	39

Venkateshpura Metro Station;

Total number of Trees examined/observed	04
Total number of Trees found suitable for on-site retention	0
Total number of Trees found suitable for translocation	0
Total number of Trees for felling	04

K G Halli Metro Station;

Total number of Trees examined/observed	04
Total number of Trees found suitable for on-site retention	0
Total number of Trees found suitable for translocation	0
Total number of Trees for felling	04

CC-1, Nagawara Metro Station, CC-2 & Ramp;

Total number of Trees examined/observed	78
Total number of Trees found suitable for on-site retention	01
Total number of Trees found suitable for translocation	21
Total number of Trees for felling	56

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Abstract: -

Total number of Trees examined/observed	212
Total number of Trees found suitable for on-site retention	05
Total number of Trees found suitable for translocation	58
Total number of Trees for felling	149

Note: In addition to the 05 trees as mentioned above for retention onsite, another 64 trees which are standing in the project area and not hindering the project activities have to be retained at their present locations.

10. 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).

11. A statement containing recommendations and justification along with the tree details is appended to these proceedings.

12. Having completed the above assessment at the project site, the Committee visited the following site (s) proposed by BMRCL and recommended by the Tree Officer for the translocation of trees.

i. **Bengaluru Co-operative Milk Union Ltd., KMF, Bengaluru**

ii. **National Dairy Research Institute (NDRI), Bengaluru.**

iii. **Parade Ground, Cubbon Road, Shivaji Nagar, Bengaluru.**

iv. **Old Military Dairy Farm, Bellary Road, Hebbal, Bengaluru.**

13. The Committee considered the soil test analysis report of these sites as prepared by Department of Soil Science and Agricultural Chemistry, UAS, GKVK, Bangalore and NBSS, Hebbal, Bangalore.

Sl.No.	Location	Soil Analysis Report
1.	KMF, Bengaluru and NDRI, Bengaluru	The four soil samples provided for analysis varies from acidic to slightly acidic in nature, low to medium in salt content and organic carbon content and contain high quantities of major nutrients (N,P,K as per standards). Therefore with proper nutrient application and use of amendments soil is suitable for tree shifting.
2.	Parade ground MG Road	The two soil samples provided for analysis varies from neutral to alkaline in nature, low in salt content and organic carbon content and contain low quantities of major nutrients (NP,Kand all other parameters as per standards). Therefore with proper nutrient application and use of amendments soil is suitable for tree shifting.
3.	Old Military Dairy Farm, Bellary Road,	The soil samples provided for analysis varies from neutral to alkaline in nature, low

	Hebbal, Bengaluru	in salt content and organic carbon content and contain low quantities of major nutrients (NP,Kand all other parameters as per standards). Therefore with proper nutrient application and use of amendments soil is suitable for tree shifting.
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The TEC concurred with the said report of UAS, Bengaluru and NBSS, Bengaluru and found that translocation of trees can be done in the proposed sites vide para 12 (i-iv) above as per the recommendations of the Tree officer duly following the advice as rendered by UAS, Bengaluru and NBSS, Bengaluru.

14. BMRCL should take up Compensatory Afforestation by Planting of 2070 saplings @ 10 saplings for each of 207 trees to be translocated/felled.


 Member Secretary of TEC
 Assistant Conservator of Forests
 & Assistant Conservator of Forests
 BBMP Bangalore

1. The first part of the paper is devoted to a general discussion of the problem.

2. In the second part, we consider the case of a single particle in a magnetic field.

3. The third part is devoted to the case of a system of particles.

4. Finally, we discuss the results of our calculations.

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TEMPLATE No. 4

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 Ltd.				
Purpose of the project	Construction of Underground Metro Tunnel and Stations between South Ramp (Jayanagar Fire Station) to Nagawara, Reach 6 (UG).				
Extent of the project area	South Ramp (Jayanagar Fire Station) to Nagawara, (except Langford Station and All Saints' Church), Total distance of approx. 13.89 Kms ,Reach 6 (UG).				
Location of the project area	GPS Details of Boundary of area (except Langford Station and All Saints' Church), Total distance of approx. 13.89 Kms				
	SLNo	Easting	Northing	Latitude	longitude
	1	782187.17	1431049.9	12°55'55.2" N	77°36'2.49" E
	2	784985.18	1443625.50	13°02'43.2" N	77°37'39.6" E
Number of tree(s) enumerated in the project area	276				
Number of tree(s) proposed for removal by user agency	212				
Overall opinion on objections from the public	Preserving the natural source of greenery reduce the felling of trees and involvement of public at decision making level.				
Number of tree(s) recommended for on-site retention	05				
Number of tree(s) recommended for Transplantation / translocation	58				
Number of tree(s) recommended for felling	149				

Note: In addition to the 05 trees as stated above for retention-on-site, another 64 trees which are not affecting the project activities have to be retained at their present locations. Total trees to be retained-on-site will be 69 trees.


 Member Secretary of TEC &
 Member Secretary, TEC & ACF, BBMP, Bengaluru
 Assistant Conservator of Forests
 BBMP, Bangalore.

Appendix

Recommendations and justification for on-site retention / translocation / felling of trees by Tree Expert Committee

Case / Application No.: BMRCL/0163/P-2/CE-UG/RT-01/BBMP/2020/7701 Date.25.11.2020

Project Area: South Ramp (Jayanagar Fire Station) to North Ramp (Nagawara) for a length of 13.89 Kms. (except Langford Station and All Saints Church)

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
List of trees recommended for On Site Retention								
ITI Collage Ground								
1	11	ASHOKA	12°56'12.088"N/ 77°36'01.613"E	1.20	3.00	0.0	On site Retention	Tree is present in the entry to casting yard in BMRCL project area • Adjacent to tree is the weighing bridge machine (12m X 3m) used for weighing the heavily loaded trucks (20m x 2.7m) entering the casting yard • It was explained by BMRCL engineer that, as the weighing bridge is present very close to the tree it is very difficult to steer the heavy trucks towards the weighing bridge

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								<ul style="list-style-type: none"> • The tree is with severe mechanical damage with canker face in the base • A decayed stump is present at 3.5m from the base • The conditions as mentioned above disqualify the tree for Transplantation / translocation.
Dairy Circle								
2	39	Dalberge lati falia	12°56'23.136N/ 77°36'8.760"E	0.70	7.50	3.00	On Site Retention	<ul style="list-style-type: none"> • Tree is present outside the project area and do not hinder any of the project activities.
3	40	Teak	12°56'23.025"N/ 77°36'8.616"E	0.40	5.00	1.00	On Site Retention	<ul style="list-style-type: none"> • Tree is present outside the project area and do not hinder any of the project activities
4	41	Subabul	12°56'23.102"N/ 77°36'8.636"E	1.30	9.00	6.00	On Site Retention	<ul style="list-style-type: none"> • Tree is present outside the project area and do not hinder any of the project activities
CC-1, Nagawara Station, CC-2 & Ramp:								
5	60	Dalichand	13°22'1.875"N/ 77°37'26.362"E	1.0	6.50	6.50	On Site Retention	<ul style="list-style-type: none"> • Tree is located at the corner of the road entrance and it is not causing any hindrance to the traffic or any construction.

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								• Hence, recommended for retention.
List of trees recommended for Transplantation								
Dairy Circle								
1	1	Jamun	12°56'23.025"N/ 77°36'7.285"E	1.80	9.00	5.00	Transplantation	<ul style="list-style-type: none"> • Tree is present in the centre of the project area (proposed for service road, the stretch of area proposed for service road consists of remains of concrete / boundary walls of houses in which people had lived for many years) • As mentioned above due to severe anthropogenic activities in and around the tree i.e., infringement into tree protection zone the tree is succumbed to severe stress • However, being an indigenous species and its likelihood for adaptation to local conditions the tree tend to overcome the stress which is visible from healthy canopy except with some minor defects on the trunk • Therefore proper care should be taken during the Transplantation / translocation process (excavation of root ball)
2	4	Neem	12°56'23.527"N/ 77°36'7.448"E	0.37	4.00	2.00	Transplantation	<ul style="list-style-type: none"> • Tree is with minor defects and present in the centre of the project area (proposed for XXXX)

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								<ul style="list-style-type: none"> service road, the stretch of area proposed for service road consists of remains of concrete walls / boundaries of houses in which people had lived for many years) • As mentioned above due to severe anthropogenic activities in and around the tree i.e., infringement into tree protection zone the tree is succumbed to severe stress • The tree being an indigenous species with likelihood of potential to adapt to local conditions, recommended for Transplantation / translocation • However proper care should be taken during the Transplantation / translocation process involving excavation of root ball, pruning, dressing the trunk etc. • There are minor defects due to mechanical injury on the base of the trunk of the tree • Tree is present in the centre of the project area (proposed for service road, the stretch of area proposed for service road consists of remains of concrete walls / boundaries of houses in which people had lived for many years) • As mentioned above due to severe
3	5	Neem	12°56'23.662"N/ 77°36'7.449"E	0.75	6.00	4.00	Transplantation	

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								<p>anthropogenic activities in and around the tree i.e., infringement into tree protection zone the tree is succumbed to severe stress</p> <ul style="list-style-type: none"> • The tree being an indigenous species with likelihood of potential to adapt to local conditions, recommended for Transplantation / translocation, however proper care should be taken during the Transplantation / translocation process (excavation of root ball) • The roots of the tree are with minor girdling, so proper pruning has to be done during Transplantation / translocation process • There are canker face at 1m from base and small knots on the tree • Tree is present in the centre of the project area (proposed for service road, the stretch of area proposed for service road consists of remains of concrete walls / boundaries of houses in which people had lived for many years) • As mentioned above due to severe anthropogenic activities in and around the tree i.e., infringement into tree protection zone the tree is succumbed to severe stress • The tree being an indigenous species with
4	7	Neem	12°56'24.484"N/ 77°36'7.676"E	0.90	6.00	5.00	Transplantation	

Application No.: BMRCL/0163/P-2/CE-UG/RT-01/BBMP/2020/7701 dtd 25.11.2020

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								likelihood of potential to adapt to local conditions, recommended for Transplantation / translocation, however proper care should be taken during the Transplantation / translocation process (excavation of root ball)
5	9	Jamun	12°56'25.079"N/ 77°36'7.795"E	2.00	12.00	4.00	Transplantation	<ul style="list-style-type: none"> • Tree is present in the centre of the project area (proposed for service road, the stretch of area proposed for service road consists of remains of concrete walls / boundaries of houses in which people had lived for many years) • As mentioned above due to severe anthropogenic activities in and around the tree i.e., infringement into tree protection zone the tree is succumbed to severe stress • Appropriate care should be taken during preparation of root ball and shifting of the tree, as the tree was under severe stress due to anthropogenic activities within the tree protection zone area
6	10	Jamun	12°56'26.630"N/ 77°36'8.176"E	0.90	8.00	3.00	Transplantation	<ul style="list-style-type: none"> • Tree is with minor defects and present in the centre of the project area (proposed for service road, the stretch of area proposed for service road consists of remains of concrete walls / boundaries of houses in which people

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								<p>had lived for many years)</p> <ul style="list-style-type: none"> As mentioned above due to severe anthropogenic activities in and around the tree i.e., infringement into tree protection zone the tree is succumbed to severe stress The tree is present in between a pillar on one side and drainage channel on the other side, therefore care to be taken to retain existing root mass and soil in the root ball during Transplantation / translocation
7	11	Mango	12°56'23.025"N/ 77°36'8.616"E	0.60	4.00	1.00	Transplantation	<ul style="list-style-type: none"> Tree is present in the centre of the project area (proposed for service road, the stretch of area proposed for service road consists of remains of concrete walls / boundaries of houses in which people had lived for many years) As mentioned above due to severe anthropogenic activities in and around the tree i.e., infringement into tree protection zone the tree is succumbed to severe stress One side of the tree is very near to a boundary wall, therefore appropriate care should be taken during preparation of root ball for Transplantation / translocation
								<ul style="list-style-type: none"> Tree is present in the centre of the project

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
8	18	Mango	12°56'26.630"N/ 77°36'8.176"E	0.85	6.00	3.00	Transplantation	area (proposed for service road, the stretch of area proposed for service road consists of remains of concrete walls / boundaries of houses in which people had lived for many years) • As mentioned above due to severe anthropogenic activities in and around the tree i.e., infringement into tree protection zone the tree is succumbed to severe stress • Pruning of dried branches of the tree before Transplantation is necessary in order to prevent the spread of decay • Care should be taken during excavation of root ball for Transplantation / translocation as the tree is present very close to a boundary wall
9	19	Honge	12°56'26.824"N/ 77°36'8.084"E	1.15	6.00	7.00	Transplantation	• Tree is present in the centre of the project area (proposed for service road, the stretch of area proposed for service road consists of remains of concrete walls / boundaries of houses in which people had lived for many years) • As mentioned above due to severe anthropogenic activities in and around the tree

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								i.e., infringement into tree protection zone the tree is succumbed to severe stress • However, appropriate care is needed during Transplantation / translocation process (involving excavation of root ball, pruning of infected parts of the trees) as the tree is present in corner with boundary walls on two sides
10	21	Neem	12°56'27.470"N/ 77°36'8.236"E	0.90	4.50	3.00	Transplantation	• Tree is present inside a temple located in the centre of the project area (proposed for service road, the stretch of area proposed for service road consists of remains of concrete walls / boundaries of houses in which people had lived for many years) • As mentioned above due to severe anthropogenic activities in and around the tree i.e., infringement into tree protection zone the tree is succumbed to severe stress • However, as the tree is very smaller in girth and being an indigenous species recommended for Transplantation or translocation
	35	Peepal	12°56'25.810"N/ 77°36'9.235"E	1.50	7.00	3.00	Transplantation	• Tree is present in the centre of the project area • Tree is having clear bole with minor visual

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
11								<ul style="list-style-type: none"> symptoms. Tree is mechanically damaged, however, tree recommended for Transplantation by taking appropriate root ball.
12	36	Peepal	12°56'25.764"N/ 77°36'9.006"E	1.65	7.00	4.00	Transplantation	<ul style="list-style-type: none"> Tree is present in the centre of the project area Tree is having forked branches and recommended to prune the branches while Transplantation/translocation. Tree is mechanically damaged, however, tree recommended for Transplantation by taking appropriate root ball.
13	37	Jamun	12°56'24.516"N/ 77°36'8.711"E	1.20	7.50	4.00	Transplantation	<ul style="list-style-type: none"> Tree is present in the centre of the project area Tree is having clear bole with minor visual symptoms. Appropriate root ball can be excavated and hence fit for Transplantation or translocation
14	Ummumbered	Bamni mara	12°56'26.823"N/ 77°36'9.662"E	1.30	7.00	0.0	Transplantation	<ul style="list-style-type: none"> Tree was already Transplantationed near the boundary of the project where tree was earlier exist.
Lakkasandra								
15	22	Rain Tree	12°56'55.035"N/ 77°36'9.730"E	2.10	9.00	8.00	Transplantation	<ul style="list-style-type: none"> Tree is present in the centre of the project area and tree has forked branches at a height of 2 meters from the base and one branch is leaned, recommended

for

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								Transplantation/translocation by pruning the leaned branch. • Tree is located near the drainage canal, therefore proper care should be taken during root ball excavation and also during Transplantation / translocation process.
16	23A	Spathodea	12°56'58.404"N/ 77°36'10.557"E	0.90	10.00	2.00	Transplantation	• Young tree, having forked branches and one branch is leaned and having minor mechanical damage. • Tree is recommended for Transplantation/translocation by pruning the leaned branch of the tree.
	23B	Spathodea	12°56'58.404"N/ 77°36'10.557"E	1.00	6.00	2.00		
17	24	Banyan tree	12°57'0.073"N/ 77°36'11.551"E	0.85	5.00	4.00	Transplantation	• Young tree, there are no significant visual symptoms, hence fit for Transplantation/translocation.
18	25	Peepal	12°57'0.387"N/ 77°36'12.509"E	4.50	12.00	15.00	Transplantation	• Tree is matured and having forked branches. • However proper care should be taken during the Transplantation / translocation process involving excavation of root ball, pruning etc.
19	26	Jamun	12°56'58.133"N/ 77°36'11.547"E	1.40	6.00	4.00	Transplantation	• Tree has forked branches and mechanically damaged. The tree being an indigenous species with likelihood of potential to adapt to local conditions, recommended for Transplantation / translocation, however proper care should be taken during the Transplantation / translocation process

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
20	28	Fig	12°56'55.752"N/ 77°36'11.048"E	3.20	8.00	8.00	Transplantation	• Tree has some minor defects like knots on the main trunk, the tree being an indigenous species with likelihood of potential to adapt to local conditions, recommended for Transplantation / translocation, however proper care should be taken during the Transplantation / translocation process (excavation of root ball).
21	31	Mango tree	12°56'54.215"N/ 77°36'10.402"E	0.85	5.00	1.00	Transplantation	• Young tree and it is mechanically damaged • The tree is very close tree No.29 and 30 and appropriate care should be taken during preparation of root ball for Transplantation / translocation
22	33	Peepal	12°56'53.643"N/ 77°36'9.882"E	2.50	10.00	7.00	Transplantation	• Tree has forked branches and recommended for Transplantation/translocation by pruning smaller branches.
M G Road								
23	74	Honge	12°58'39.302"N/ 77°36'32.378"E	1.30	12.00	8.00	Transplantation	• Tree is present in the middle of pedestrian path within the project area (construction of entry to underground metro station) • No minor or major defects is found on the tree, however care should be taken during translocation / Transplantation process

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								(excavation of root ball, transport and planting etc) as the tree is present in middle of foot path area
								<ul style="list-style-type: none"> • Tree is present within the project area (construction of entry to underground metro station) • Construction of concrete platform around and within the tree protection zone has created stress to the tree and lead to decline (drying symptoms from the top of the tree is visible) • Appropriate recommendation / management strategies (to create adequate space as tree protection zone around collar region and adequate watering) were suggested to field engineers / representatives of BMRCL to maintain the tree alive • Care should be taken during Transplantation /translocation process (excavation of root ball, transport and planting etc.) • The tree was found healthy and good during the previous visit is put to stress due to late construction activities as mentioned above
24	77	Sampige	12°58'38.103"N/ 77°36'32.033" E	0.90	6.00	0.0	Transplantation	
25	78	Mahagani	12°58'37.912"N/ 77°36'32.386" E	1.40	12.00	6.00	Transplantation	<ul style="list-style-type: none"> • Tree is present within the project area (construction of entry to underground metro station)

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								<ul style="list-style-type: none"> • Pedestrian path on one side and boundary wall on the other side is present within the tree protection zone, so care should be taken while excavation of root ball and other Transplantation / translocation activities • There are minor defects on the tree, however the tree fit for Transplantation / translocation
26	79	Mahagani	12°58'37.617"N/ 77°36'30.449" E	1.00	10.00	7.00	Transplantation	<ul style="list-style-type: none"> • Tree is present within the project area at North West Entry (Parade Ground Foot) • This tree is young and located near to pedestrian path on one side, so care should be taken while excavation of root ball and other Transplantation / translocation activities • Tree is having some mechanical damages, however, the tree fit for Transplantation/translocation.
27	80	Mahagani	12°58'37.711"N/ 77°36'30.182" E	1.60	14.00	5.00	Transplantation	<ul style="list-style-type: none"> • Tree is present within the project area at North West Entry (Parade Ground Foot) • Tree has forked branches at a height of near 1.5 meters from the base and one branch was bent towards the existing road. So care should be taken to prune the bent branch of the tree while translocation. • Tree is having some mechanical damages, however, the tree fit for Transplantation/translocation.

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
28	81	Basavanapada	12°58'37.948"N/ 77°36'30.181" E	0.55	4.00	1.00	Transplantation	<ul style="list-style-type: none"> • Tree is present within the project area at North West Entry (Parade Ground Foot) • The tree was severely pruned and it is located in the existing temporary entry point to the site and tree is having some mechanical damages, however, the tree fit for Transplantation/translocation and care should be taken while excavation of root ball and other Transplantation / translocation activities
Cantonment station								
29	3	Sampege tree	12°59'33.816"N/ 77°36'23.171"E	0.9	10	4.0	Transplantation	<p>The tree is present within the project activity area proposed for movement of gantry used for shifting heavy and large segments for underground tunnel construction; therefore the tree cannot be retained</p> <p>The tree has been recommended for Transplantation by Forest Department Officers as the tree is healthy, however excavation of root ball has to be very carefully followed as the tree is very close to boundary wall</p> <p>The tree is recommended for Transplantation</p>
Tannery road station								

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
30	4	champak Sampige	13°0'36.779"N /77°36'52.419"E	0.70m	10m	2m	Transplantation	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The health (no major defects or any pathogenic symptoms) and site conditions (sufficient space for excavation of root ball) of the tree qualifies the tree for translocation The tree is recommended for Translocation / Transplantation
31	9	Jack fruite	13°0'36.647"N /77°36'52.65"E	1.1m	12m	4m	Transplantation	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is healthy without any major defects or symptoms, therefore the tree qualifies for translocation, however since the height is more the tree has to be scientifically pruned (not completely topped) and Transplantation The tree is recommended for Translocation / Transplantation

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
32	12	Mango	13°0'36.484"N /77°36'52.648"E	0.65m	08m	3m	Transplantation	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The health (no major defects or any pathogenic symptoms) and site conditions (sufficient space for excavation of root ball) of the tree qualifies the tree for translocation, as recommended by Forest Department Officers The tree is recommended for Translocation / Transplantation
33	19	Mango	13°0'35.965"N /77°36'52.51"E	1.20m	10m	5m	Transplantation	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The health (no major defects or any pathogenic symptoms) and site conditions (sufficient space for excavation of root ball) of the tree qualifies the tree for translocation The tree is recommended for Translocation / Transplantation

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
34	27	Ashoka	13°03'36.166"N 77°36'51.915"E	0.85m	10m	2m	Transplantation	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is young without major damages / infestation, in addition the suitable site conditions qualify the tree for translocation The tree is recommended for Translocation / Transplantation
35	43	Honge	13°03'36.101"N 77°36'51.882"E	0.45m	5m	0	Transplantation	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is young without major damages / infestation, in addition the suitable site conditions qualify the tree for translocation with appropriate pruning practices of remains of stubs of branches The tree is recommended for Translocation / Transplantation
36	46	Arali Tree	13°03'35.451"N 77°36'51.875"E	1.25m	11m	4m	Transplantation	Tree is present in the area proposed for excavation of mass of soil for construction

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
			E					of station box with entry and exit; therefore the tree cannot be retained The health (no major defects or any pathogenic symptoms) and site conditions (sufficient space for excavation of root ball) of the tree qualifies the tree for translocation The tree is recommended for Translocation / Transplantation
CC-1, Nagawara Station, CC-2 & Ramp								
37	2	Honge	13°2'41.561"N/ 77°37'38.213"E	0.28m	2.85m	4.7m	Transplantation	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. • Tree is young and healthy. • Hence, recommended for translocation.
38	4	Aralimara	13°2'41.336"N/ 77°37'38.045"E	0.75m	5.0m	2.9m	Transplantation	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. • Tree is young and healthy. • Hence, recommended for translocation.
39	12	Honge	13°2'38.594"N/ 77°37'35.827"E	0.7m	3.8m	10m	Transplantation	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. • Tree is young and healthy.

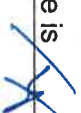
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SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
40	14	Honge	13°2'38.827"N/ 77°37'35.299" E	0.8m	4.0m	6.2m	Transplantation	<ul style="list-style-type: none"> • Hence, recommended for translocation. • Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. • Tree is young and healthy. • Hence, recommended for translocation. • Tree is located in the project area and causes hindrance to construction Back of House Unpaid Concourse area of station • Tree is young and healthy • Hence, recommended for Translocation.
41	22	Mango	13°2'30.22"N/7 7°37'30.895"E	0.5m	2.5m	3.3m	Transplantation	<ul style="list-style-type: none"> • Tree is hindrance to construction Back of House Unpaid Concours area of station • Tree is young and healthy. • Appropriate root ball of earth can be excavated. • Hence recommended for Translocation.
42	29	Mango	13°2'29.763"N/ 77°37'31.09"E	0.45m	4.0m	4.3m	Transplantation	<ul style="list-style-type: none"> • Tree is hindrance to construction Back of House Unpaid Concours area of station • Tree is young and healthy. • Appropriate root ball of earth can be excavated. • Hence recommended for Translocation.
43	30	Mango	13°2'29.796"N/ 77°37'31.024" E	0.35m	4.2m	1.7m	Transplantation	<ul style="list-style-type: none"> • Tree is hindrance to construction Back of House Unpaid Concours area of station • Tree is young and healthy. • Appropriate root ball of earth can be excavated.

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
44	33	Mango	13°2'29.864"N/ 77°37'30.792"E	0.75m	4.0m	5.8m	Transplantation	<ul style="list-style-type: none"> • Hence recommended for Translocation. • Tree is hindrance to construction Back of House Unpaid Concourse area of station • Tree is young and healthy. • Appropriate root ball of earth can be excavated. • Hence recommended for Translocation.
45	36	Nerale	13°2'29.703"N/ 77°37'30.625"E	0.75m	4.0m	3.3m	Transplantation	<ul style="list-style-type: none"> • Tree is hindrance to construction Back of House Unpaid Concourse area of station • Tree is young and healthy. • Appropriate root ball of earth can be excavated. • Hence recommended for Translocation.
46	38	Jack fruit	13°2'29.668"N/ 77°37'30.823"E	0.85m	4.5m	4.4m	Transplantation	<ul style="list-style-type: none"> • Tree is hindrance to construction Back of House Unpaid Concourse area of station • Tree is young and healthy. • Appropriate root ball of earth can be excavated. • Hence recommended for Translocation.
47	39	Badami	13°2'29.504"N/ 77°37'30.954"E	0.85m	4.0m	5.7m	Transplantation	<ul style="list-style-type: none"> • Tree is hindrance to construction Back of House Unpaid Concourse area of station

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								<ul style="list-style-type: none"> • Tree is young and healthy. • Appropriate root ball of earth can be excavated. • Hence recommended for Translocation..
48	43	Honge	13°2'28.885"N/ 77°37'31.113"E	0.6m	4m	4m	Transplantation	<ul style="list-style-type: none"> • Tree is located within the project areas and it causes hindrance to installation of Gantry Crane. • Tree is young, healthy and clear bole. • Hence, recommended for Translocation..
49	45	Honge	13°2'27.878"N/ 77°37'30.937"E	0.8m	3.5m	4.8m	Transplantation	<ul style="list-style-type: none"> • Tree is located within the project areas and it causes hindrance to installation of Gantry Crane. • Tree has forked branches, young and healthy. • Hence, recommended for translocation.
50	52	Jeevi	13°2'26.501"N/ 77°37'28.866"E	1m	3.5m	6.6m	Transplantation	<ul style="list-style-type: none"> • Tree is located within the project area and causes hindrance to construction of ECS plant room of station. • Roots are exposed to surface and four branches are felled. • The tree have the potential to rejuvenate/ propagate by vegetative means. • Hence, recommended for translocation.

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
51	54	Jeevi	13°2'26.502"N/ 77°37'28.733"E	0.7m	4.0m	3.5m	Transplantation	<ul style="list-style-type: none"> • Tree is located within the project area and causes hindrance to construction of ECS plant room of station. • Roots are exposed to surface and four branches are felled. • The tree have the potential to rejuvenate/ propagate by vegetative means. • Hence, recommended for translocation.
52	57	Arali	13°2'24.878"N/ 77°37'28.484"E	0.84m	4.5m	2.1m	Transplantation	<ul style="list-style-type: none"> • Tree is located within the project area and causes hindrance to the construction of entry structure of station. • Tree has multiple branches, young and healthy • Hence recommended for Translocation.
53	59	Badami	13°2'24.192"N/ 77°37'28.808"E	0.25m	2.5m	3.9m	Transplantation	<ul style="list-style-type: none"> • Tree is located within the project area and causes hindrance to the construction concourse area of station. • Tree is young and healthy • Hence recommended for Translocation.
54	61	Arali	13°2'21.61"N/ 7°37'26.89"E	0.75m	4.5m	2.7m	Transplantation	<ul style="list-style-type: none"> • Tree is located at the construction of road for traffic diversion • Tree has clear bole, young and healthy tree. • Hence, recommended for translocation.

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
55	64	Jack fruit	13°2'20.657"N/ 77°37'27.809" E	0.75m	4.5m	2.5m	Transplantation	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to Cut & Cover-2 tunnel and road diversion work. • It has clear bole, healthy tree and appropriate root ball of earth can be excavated. • Hence, recommended for translocation.
56	74	Mango	13°2'18.616"N/ 77°37'27.058" E	0.36m	3.5m	1.5m	Transplantation	<ul style="list-style-type: none"> • Tree is located within the project areas and causing hindrance to construction of TBM Retrieval shaft. • Tree is young and healthy • Appropriate root ball of earth can be excavated. • Hence, recommended for translocation.
57	75	Mango	13°2'18.649"N/ 77°37'26.992" E	0.52m	3.5m	2.5m	Transplantation	<ul style="list-style-type: none"> • Tree is located within the project areas and causing hindrance to construction of TBM Retrieval shaft. • Tree is young and healthy • Appropriate root ball of earth can be excavated. • Hence, recommended for translocation.
58	79	Melia Dubia	13°2'19.136"N/ 77°37'27.063" E	0.7m	4m	6.7m	Transplantation	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to the construction of TBM Retrieval shaft. • Two branches of this tree is 

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
List of trees recommended for Felling								
ITI College Ground								
1	8	Ashoka	12°56'13.161"N/ 77°36'01.294"E	1.34	5.00	3.000	Felling	<ul style="list-style-type: none"> • Tree is present in the entry to casting yard in BMRCL project area • Adjacent to tree is the weighing bridge machine (12m X 3m) used for weighing the heavily loaded trucks (20m x 2.7m) entering the casting yard • It was explained by BMRCL engineer that, as the weighing bridge is present very close to the tree it is very difficult to steer the heavy trucks towards the weighing bridge • The tree is with severe mechanical damage with canker face in the base • A decayed stump is present at 3.5m from the base • The conditions as mentioned above disqualify the tree for Transplantation / translocation
2	9	Ashoka		0.80	6.50	3.000		<ul style="list-style-type: none"> • Tree is present close to the exit point of the

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SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
			12°56'13.004"N/ 77°36'01.298"E				Felling	weighing bridge (12m X 3m) machine used for weighing the heavily loaded trucks (20m x 2.7m) • It was explained by BMRCL engineer that to steer the heavily loaded trucks (30 to 40 tons) from weighing bridge at the exit point is difficult as the weighing bridge is present very close to the tree • The tree is with forked branches from the base and present nearer to a big sized rain tree • Excavation of applicable root ball size may not be possible as the tree is very close to the rain tree • The conditions as mentioned above disqualify the tree for Transplantation / translocation
3	10	Ashoka	12°56'12.852"N/ 77°36'01.327"E	1.30	6.50	0.0	Felling	• Tree is with minor defects and present close to the exit point of the weighing bridge (12m X 3m) machine used for heavy trucks (20m x 2.7m) • It was explained by BMRCL engineer that exit of heavily loaded trucks (30 to 40 tons) from weighing bridge is difficult as the tree is present very close to the weighing bridge • The tree is sunken vertically to about 1.5m

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								starting slightly above from the base of the tree • The conditions as mentioned above disqualify the tree for Transplantation / translocation
Dairy Circle								
4	2	Eucalyptus	12°56'23.386"N/ 77°36'7.628"E	2.10	12.00	0.0	Felling	<ul style="list-style-type: none"> • Tree is present in the centre of the project area (proposed for service road, the stretch of area proposed for service road consists of remains of concrete walls / boundaries of houses in which people had lived for many years) • As mentioned above due to severe anthropogenic activities in and around the tree i.e., infringement into tree protection zone the tree is succumbed to severe stress • There are knots (probability of internal decay) on the trunk of the tree at about 2m from the base • Dried and dead branches indicating the matured status of the tree • Excavation of root ball proportionate to girth

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								of the tree is not possible as the tree is close to tree no.3 • The conditions as mentioned above disqualify the tree for Transplantation / translocation
5	3	Eucalyptus	12°56'23.450"N/ 77°36'7.580"E	1.60	12.00	5.00	Felling	• Tree is present in the centre of the project area (proposed for service road, the stretch of area proposed for service road consists of remains of concrete walls / boundaries of houses in which people had lived for many years) • As mentioned above due to severe anthropogenic activities in and around the tree i.e., infringement into tree protection zone the tree is succumbed to severe stress • There are canker faces at the base and 4m above the base • Excavation of root ball proportionate to girth of the tree is not possible as the tree is close to tree no.2 • The conditions as mentioned above disqualify the tree for Transplantation / translocation
	6	Eucalyptus	12°56'23.848"N/ 77°36'7.625"E	2.50	12.00	7.00		• Tree is present in the centre of the project area (proposed for service road, the stretch of

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
6							Felling	<p>area proposed for service road consists of remains of concrete walls / boundaries of houses in which people had lived for many years)</p> <ul style="list-style-type: none"> • As mentioned above due to severe anthropogenic activities in and around the tree i.e., infringement into tree protection zone the tree is succumbed to severe stress • Dried and dead branches indicating the matured status of the tree • Excavation of root ball proportionate to girth of the tree is not possible • The conditions as mentioned above disqualify the tree for Transplantation / translocation
7	8	Peepal	12°56'24.920"N/ 77°36'7.880"E	5.50	14.00	20.00	Felling	<ul style="list-style-type: none"> • Tree is present in the centre of the project area (proposed for service road, the stretch of area proposed for service road consists of remains of concrete walls / boundaries of houses in which people had lived for many years) • As mentioned above due to severe anthropogenic activities in and around the tree i.e., infringement into tree protection zone the tree is succumbed to severe stress

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SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								<ul style="list-style-type: none"> • The tree is huge in size, therefore excavation of root ball proportionate to canopy / girth of the tree is not possible, as the tree is very close to residential area on one side • The tree is matured with dried and dead branches / trunks • The conditions as mentioned above do not qualify the tree for Transplantation / translocation
8	12	Rain tree	12°56'25.570"N/ 77°36'7.899"E	3.50	12.00	15.00	Felling	<ul style="list-style-type: none"> • Tree is present in the centre of the project area (proposed for service road, the stretch of area proposed for service road consists of remains of concrete walls / boundaries of houses in which people had lived for many years) • As mentioned above due to severe anthropogenic activities in and around the tree i.e., infringement into tree protection zone the tree is succumbed to severe stress • The tree is with codominant branches of larger in size and forked branches with included barks • Excavation of root ball proportionate to canopy / girth of the tree is not possible, as the tree is very close to residential area on one

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								side • The conditions as mentioned above do not qualify the tree for Transplantation / translocation
9	13	Eucalyptus	12°56'25.615"N/ 77°36'8.024"E	2.15	10.00	8.00	Felling	• Tree is silviculturally matured and present in the centre of the project area (proposed for service road, the stretch of area proposed for service road consists of remains of concrete walls / boundaries of houses in which people had lived for many years) • As mentioned above due to severe anthropogenic activities in and around the tree i.e., infringement into tree protection zone the tree is succumbed to severe stress • The dried / dead branches in the tree and girth size in addition to above conditions disqualify the tree for Transplantation / translocation
	14A, 14B	Honge	12°56'25.728"N/ 77°36'7.850"E	1.55	10.00	4.00		• Tree is present in the centre of the project area (proposed for service road, the stretch of area proposed for service road consists of remains of concrete walls / boundaries of houses in which people had lived for many years) • As mentioned above due to severe

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SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
10							Felling	<ul style="list-style-type: none"> anthropogenic activities in and around the tree i.e., infringement into tree protection zone the tree is succumbed to severe stress The tree is with severe knots on the trunk near to the base The knots are present on both the forked branches of the tree These knots indicate the probability of internal decay The trunk is with severe canker face in the base Though being an indigenous species, the health conditions / status of the tree disqualifies the tree for Transplantation / translocation
11	15	Honge	12°56'25.936"N/ 77°36'7.898"E	2.00	10.00	8.00	Felling	<ul style="list-style-type: none"> Tree is present in the centre of the project area (proposed for service road, the stretch of area proposed for service road consists of remains of concrete walls / boundaries of houses in which people had lived for many years) As mentioned above due to severe anthropogenic activities in and around the tree i.e., infringement into tree protection zone the tree is succumbed to severe stress

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								<ul style="list-style-type: none"> • Root ball of applicable size proportionate to girth of the tree is not possible as the tree is present very close to the residential area • There are major defects like external cavity at 2m and a decayed branch at 1.5m from the base of the tree • The tree do not qualify for Transplantation / translocation
12	16	Honge	12°56'26.182"N/ 77°36'8.008"E	0.80	4.00	5.00	Felling	<ul style="list-style-type: none"> • Tree is present in the centre of the project area (proposed for service road, the stretch of area proposed for service road consists of remains of concrete walls / boundaries of houses in which people had lived for many years) • As mentioned above due to severe anthropogenic activities in and around the tree i.e., infringement into tree protection zone the tree is succumbed to severe stress • The tree is forked at 0.5m from the base • One of the branch is chopped, dried and decayed • The main trunk is with canker faces and knots • The conditions as mentioned above do not qualify the tree for Transplantation

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SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
13	17	Mango	12°56'26.117"N/ 77°36'8.106"E	1.45	8.00	5.00	Felling	<ul style="list-style-type: none"> • Tree is present in the centre of the project area (proposed for service road, the stretch of area proposed for service road consists of remains of concrete walls / boundaries of houses in which people had lived for many years) • As mentioned above due to severe anthropogenic activities in and around the tree i.e., infringement into tree protection zone the tree is succumbed to severe stress • The tree is with canker on both the sides of the tree at the base • The tree is girdled severely exposing the decayed internal woody portion of the tree at 4m from the base • The tree is prone for break at the girdled portion • The conditions as mentioned above disqualify the tree for Transplantation / translocation
	20	Honge	12°56'27.636"N/ 77°36'8.264"E	2.20	7.00	8.00		<ul style="list-style-type: none"> • Tree is present in the centre of the project area (proposed for service road, the stretch of area proposed for service road consists of remains of concrete walls / boundaries of

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
14							Felling	houses in which people had lived for many years) • As mentioned above due to severe anthropogenic activities in and around the tree i.e., infringement into tree protection zone the tree is succumbed to severe stress • The tree is with forked branches at 1m from the base • The bigger sized branch is decayed at 3m from the forked region • The decayed portion is the exposed / remains of fallen branch • Excavation of root ball in proportion to girth of the tree is not possible as the tree is present very close to residential area
15	38	Eucalyptus	12°56'23.809"N/ 77°36'8.614"E	3.00	12.00	6.00	Felling	• Tree is matured, one major branch was already felled. • Tree is mechanically damaged, debarked. • The conditions as mentioned above disqualify the tree for Transplantation / translocation
16	42	Coconut	12°56'27.697"N/ 77°36'7.988"E	1.00	10.00	4.00	Felling	Tree No 42 is coconut trees are located in the project area, very tall, not well maintained, mechanically damaged and not fit for Transplantation/translocation

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SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
17	43	Coconut	12°56'26.52"N/77°36'8.118"E	1.00	12.00	3.00	Felling	Tree No 43 is coconut trees are located in the project area, very tall, not well maintained, mechanically damaged and not fit for Transplantation/translocation
18	44	Coconut	12°56'25.252"N/77°36'7.769"E	1.10	10.00	4.00	Felling	Tree No 44 is coconut trees are located in the project area, very tall, not well maintained, mechanically damaged and not fit for Transplantation/translocation
19	45	Coconut	12°56'25.004"N/77°36'7.78"E	0.95	10.20	0.0	Felling	Tree No 45 is coconut trees are located in the project area, very tall, not well maintained, mechanically damaged and not fit for Transplantation/translocation
Lakkasandra								
20	27	Rain Tree	12°56'57.352"N/77°36'11.184"E	3.75	8.00	15.00	Felling	<ul style="list-style-type: none"> • Tree is over matured, forked branches, major branches were already pruned, leaned, physically damaged, debarked on the main trunk, epicormic shoots indicates tree is already under stress. • The conditions as mentioned above disqualify the tree for Transplantation / translocation
21	29	Peepal	12°56'54.153"N/77°36'10.141"E	5.50	12.00	15.00	Felling	<ul style="list-style-type: none"> • Tree is adjacent to tree No.30 and the tree is huge in size, therefore excavation of root ball proportionate to canopy / girth of the tree is

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SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								not possible, as the tree is very close to residential area on one side • The conditions as mentioned above do not qualify the tree for Transplantation / translocation
22	30	Buruga Tree	12°56'54.221"N/ 77°36'10.277"E	2.30	10.00	5.00	Felling	• Tree is adjacent to tree No.29 and the tree is huge in size, therefore excavation of root ball proportionate to canopy / girth of the tree is not possible, as the tree is very close to residential area on one side. The conditions as mentioned above do not qualify the tree for Transplantation / translocation.
23	32	Jack Fruit	12°56'58.411"N/ 77°36'10.470"E	0.45	2.50	Nil	Felling	Already felled
24	34	Spathodea	12°56'53.581"N/ 77°36'9.969"E	2.50	8.00	Nil	Felling	Already dried
25	47	Coconut	12°56'57.778"N/ 77°36'10.796"E	0.90	9.00	4.00	Felling	Tree No 47 is coconut trees are located in the project area, very tall, not well maintained, mechanically damaged and not fit for Transplantation/translocation.
26	48	Coconut	12°56'57.984"N/ 77°36'10.919"E	0.95	9.00	3.00	Felling	Tree No 48 is coconut trees are located in the project area, very tall, not well maintained, mechanically damaged and not fit for Transplantation/translocation.
27	49	Coconut	12°56'58.196"N/ 77°36'10.919"E	0.95	11.00	3.00		Tree No 49 is coconut trees are located in the project area, very tall, not well maintained, mechanically damaged and not fit for Transplantation/translocation.

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
			77°36'10.998"E				Felling	project area, very tall, not well maintained, mechanically damaged and not fit for Transplantation/translocation.
28	50	Coconut	12°56'58.322"N/ 77°36'10.764"E	0.80	9.00	3.00	Felling	Tree No 50 is coconut trees are located in the project area, very tall, not well maintained, mechanically damaged and not fit for Transplantation/translocation.
29	51	Coconut	12°56'58.182"N/ 77°36'10.098"E	1.00	11.00	4.00	Felling	Tree No 51 is coconut trees are located in the project area, very tall, not well maintained, mechanically damaged and not fit for Transplantation/translocation.
30	52	Coconut	12°56'58.369"N/ 77°36'10.76"E	0.85	11.00	4.00	Felling	Tree No 52 is coconut trees are located in the project area, very tall, not well maintained, mechanically damaged and not fit for Transplantation/translocation.
31	53	Coconut	12°56'56.464"N/ 77°36'10.955"E	0.65	8.00	2.50	Felling	Tree No 53 is coconut trees are located in the project area, very tall, not well maintained, mechanically damaged and not fit for Transplantation/translocation.
M G Road								
32	73	Gulmohar	12°58'39.579"N/ 77°36'32.472"E	1.90	7.00	9.00		• Tree is present in the middle of the pedestrian path within the project area

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
							Felling	(construction of entry to underground metro station) <ul style="list-style-type: none"> • Tree is matured with huge root flares spread around the base • Fallen branch had created severe decay present at 2m from the base seen on the side of the tree facing road side • The conditions above disqualify the tree for Transplantation / translocation
33	75	Peltophoram	12°58'38.989"N/ 77°36'32.270" E	1.40	10.00	6.00	Felling	<ul style="list-style-type: none"> • Tree is present in the middle of pedestrian path within the project area (construction of entry to underground metro station) • There are severe knots present on trunk indicating probability of internal decay in the tree • The collar zone of the tree is constricted on all sides by concrete materials • The conditions above disqualify the tree for Transplantation / translocation
34	76	Honge	12°58'38.668"N/ 77°36'32.148" E	1.20	5.00	5.00	Felling	<ul style="list-style-type: none"> • Tree is present in the middle of pedestrian path within the project area (construction of entry to underground metro station) • Tree is matured and crooked in appearance with canker faces on the lower portion of the

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
Cantonment station								
								<p>trunk</p> <ul style="list-style-type: none"> Forked branches too wide from the main trunk with forking at half meter from the base The conditions above disqualify the tree for Transplantation / translocation
35	1	Dalichandra	12°59'32.845"N/ 77°36'22.663"E	1.3	8.0	3.0	Felling	<p>The tree is present within the project activity area proposed for movement of gantry used for shifting heavy and large segments for underground tunnel construction; therefore the tree cannot be retained</p> <p>The tree is matured, decayed at the collar region with dried branches</p> <p>The tree is standing very close to the newly constructed retaining wall, therefore excavation of ball of earth is not possible for translocation</p> <p>The tree is recommended for Felling</p>
36	2	Basavanapada	12°59'33.394"N/ 77°36'23.067"E	1.2	5.0	4.0	Felling	<p>The tree is present within the project activity area proposed for movement of gantry used for shifting heavy and large segments for underground tunnel construction; therefore the tree cannot be retained</p>

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								<p>The tree is matured, decayed on one side to about 1m from the base</p> <p>The concrete structures around the collar region do not fit the tree for translocation</p> <p>The tree is recommended for Felling</p>
37	4	Rain tree	12°59'33.55"N/ 77°36'23.732"E	1.3m	8m	3.0m	Felling	<p>The tree is present within the project activity area proposed for movement of gantry used for shifting heavy and large segments for underground tunnel construction; therefore the tree cannot be retained</p> <p>The tree is matured, decayed at the collar region with dried branches</p> <p>The tree is standing very close to the newly constructed retaining wall, therefore excavation of ball of earth is not possible for translocation</p> <p>The tree is recommended for Felling</p>
38	5	Spathodia	12°59'33.614"N/ 77°36'23.865"E	2.0m	10m	4.0m	Felling	<p>The tree is present within the project activity area (includes heavy machinery movement during construction activities followed by entry/exit to station), therefore the tree cannot be retained</p> <p>The tree is matured and huge and the base of the tree is conjoined with tree no. N4, therefore excavation of appropriate size of</p>

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								root ball is not possible and hence the tree cannot be translocated The tree is recommended for Felling
39	6	Rain tree	12°59'34.327"N/ 77°36'24.039"E	1.3m	11m	3.0m	Felling	The tree is present within the project activity area (includes heavy machinery movement during construction activities followed by entry/exit to station), therefore the tree cannot be retained The tree is dried and dead, i.e., only snag is standing in the field The tree is recommended for Felling
40	7	Rain tree	12°59'34.554"N/ 77°36'24.141"E	2.2m	12m	15m	Felling	The tree is present within the project activity area (includes heavy machinery movement during construction activities followed by entry/exit to station), therefore the tree cannot be retained The tree is matured and huge and surrounding the base of the tree is completely sealed with concrete (no tree protection zone), therefore excavation of appropriate size and quality root ball is not possible and hence the tree cannot be translocated The tree is recommended for Felling
41	8	Rain tree	12°59'34.625"N/	2.3m	18m	15m	Felling	The tree is present within the project activity area (includes heavy machinery movement)

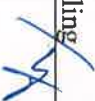
SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
			77°36'23.544"E					and water storing point for construction activities), therefore the tree cannot be retained The tree is matured and huge and surrounding the base of the tree is completely sealed with boundary wall and concrete (no tree protection zone), therefore excavation of appropriate size and quality root ball is not possible and hence the tree cannot be translocated The tree is recommended for Felling
42	9	Sampige Tree	12°59'34.139"N/ 77°36'23.307"E	0.65m	6.0m	1.5m	Felling	The tree is present within the project activity area proposed for movement of gantry used for shifting heavy and large segments for underground tunnel construction; therefore the tree cannot be retained The tree is forked where one of the forked branch is dead and further weakened / decayed the forking region, therefore the tree do not fit for translocation The tree is recommended for Felling
43	10	Dalichandra	12°59'32.618"N/ 77°36'22.595"E	1.05m	8.0m	3.0m	Felling	The tree is present within the project activity area proposed for movement of gantry used for shifting heavy and large segments for underground tunnel construction; therefore

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								<p>the tree cannot be retained</p> <p>The tree is matured, with termite infestation at the base and dried branches in the top</p> <p>The tree is standing very close to the newly constructed retaining wall, therefore excavation of ball of earth is not possible for translocation</p> <p>The tree is recommended for Felling</p>
44	11	Dalichandra	12°59'32.554"N/ 77°36'22.528"E	1.40m	10.0m	4.0m	Felling	<p>The tree is present within the project activity area proposed for movement of gantry used for shifting heavy and large segments for underground tunnel construction; therefore the tree cannot be retained</p> <p>The tree is matured, with minor defects near the base and dried branches in the top</p> <p>The tree is standing very close to the newly constructed retaining wall, therefore excavation of ball of earth is not possible for translocation</p> <p>The tree is recommended for Felling</p>

Pottery town station

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
45	1	Rain Tree	13°0'4.893"N/ 77°36'37.625"E	3.0m	12m	10.0m	Felling	<p>The tree is present within the project activity area proposed for movement of Tunnel Borer Machine and gantry used for shifting heavy and large segments for underground tunnel construction; therefore the tree cannot be retained</p> <p>The tree is matured, decayed, traces of short hole borer infestation in dried branches</p> <p>The tree is standing near to the newly constructed retaining wall, therefore excavation of proportionate ball of earth to the girth / canopy is not possible for translocation</p> <p>The tree is recommended for Felling</p>
46	2	Peepal Tree	13°0'0.008"N/ 77°36'31.802"E	7.0 m	20m	15.0m	Felling	<p>The tree is present within the project activity area proposed for movement of Tunnel Borer Machine and gantry used for shifting heavy and large segments for underground tunnel construction; therefore the tree cannot be retained</p> <p>The tree is matured and huge in size and standing near to the newly constructed retaining wall, therefore excavation of proportionate ball of earth to the girth / canopy is not possible for translocation</p> <p>The tree is recommended for Felling</p>

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
47	3	Peepal Tree	12°59'59.581"N/ 77°36'32.229"E	4.6m	20m	15.0m	Felling	The tree is present within the project activity area proposed for movement of Tunnel Borer Machine and gantry used for shifting heavy and large segments for underground tunnel construction; therefore the tree cannot be retained The tree is matured and huge in size and standing near to the newly constructed retaining wall, therefore excavation of proportionate ball of earth to the girth / canopy is not possible for translocation The tree is recommended for Felling
Tannery road station								
48	1	Ashoka	13°03'36.975"N/ 77°36'52.322"E	1.3m	10m	2m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with canker symptoms in the base (trunk collar) The root zone of the tree is very close to the drainage channel (presently closed), hence excavation of root ball of desired size is not possible, therefore the tree cannot be Transplanted The tree is recommended for Felling



SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
49	2	Mango	13°0'36.909"N/ 77°36'52.421"E	0.9m	7m	4m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is present very close to Tree No.3, as old drainage channel and boundary wall, as these site conditions prevent excavation of root ball of desired size the tree cannot be translocated The tree is recommended for Felling
50	3	Ashoka	13°0'36.877"N/ 77°36'52.42"E	1.2m	12m	3m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is present very close to Tree No.2, as old drainage channel and boundary wall, as these site conditions prevent excavation of root ball of desired size the tree cannot be translocated The tree is recommended for Felling
51	5	Ashoka	13°0'36.811"N/ 77°36'52.486"E	1.04m	12m	13m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with decay symptoms in

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								the base (trunk collar) and do not qualify for translocation The tree is recommended for Felling
52	6	Jack fruit	13°03'36.746"N/ 77°36'52.518"E	1.4m	16m	2m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is dried and dead, i.e, only snag is standing in the field The tree is recommended for Felling
53	7	Ashoka	13°03'36.712"N/ 77°36'52.618"E	1.0m	12m	2m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is present very close to old drainage channel and boundary wall and therefore excavation of quality root ball of desirable size for translocation is not possible The tree is recommended for Felling
54	8	Honge	13°03'36.647"N/ 77°36'52.584"E	1.15m	10m	5m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is leaning to about 45° angle and do not qualify for translocation

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SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
55	10	Ashoka	13°0'36.613"N/ 77°36'52.716"E	1.1m	12m	2m	Felling	The tree is recommended for Felling Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with decay symptoms in the base (trunk collar) and do not qualify for translocation The tree is recommended for Felling
56	11	Honge	13°0'36.548"N/7 7°36'52.749"E	1.24m	08m	6m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with decay symptoms (Vertical Split from the base) and do not qualify for translocation The tree is recommended for Felling
57	13	Ashoka	13°0'36.515"N/7 7°36'52.815"E	1m	10m	4m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split at the base and the tree do not qualify for translocation The tree is recommended for Felling

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
58	14	Ashoka	13°0'36.384"N/77°36'52.88"E	1.10m	12m	3m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split at the base and the tree do not qualify for translocation The tree is recommended for Felling
59	15	Ashoka	13°0'36.287"N/77°36'52.812"E	1.20m	12m	3m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split at the base and the tree do not qualify for translocation The tree is recommended for Felling
60	16	Ashoka	13°0'36.191"N/77°36'52.712"E	1.10m	10m	3m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split at the base and the tree do not qualify for translocation The tree is recommended for Felling
61	17	Ashoka	13°0'36.094"N/77°36'52.712"E	1.12m	10m	3m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split at the base and the tree do not qualify for translocation The tree is recommended for Felling

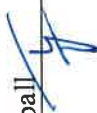
SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
			7°36'52.644"E					excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split and decay symptoms at collar portion of the tree, therefore the tree do not qualify for translocation The tree is recommended for Felling
62	18	Ashoka	13°0'36.029"N/7°36'52.577"E	0.95m	12m	2m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split and decay symptoms at collar portion of the tree, therefore the tree do not qualify for translocation The tree is recommended for Felling
63	20	Ashoka	13°0'35.933"N/7°36'52.477"E	1.1m	10m	3m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split, decay symptoms and termite infestation at collar portion of the tree, therefore the tree do not qualify for translocation

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								The tree is recommended for Felling
64	21	Ashoka	13°0'35.803"N/77°36'52.409"E	0.97m	12m	3m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split, decay symptoms, termite infestation at collar portion of the tree and roots had been partially exposed and removed, therefore the tree do not qualify for translocation The tree is recommended for Felling
65	22	Ashoka	13°0'35.805"N/77°36'52.276"E	1.25m	12m	3m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split, therefore the tree do not qualify for translocation The tree is recommended for Felling
66	23	Mango	13°0'35.838"N/77°36'52.21"E	0.80m	4m	0	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split, canker, decay symptoms and termite

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SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								infestation at collar portion of the tree, therefore the tree do not qualify for translocation The tree is recommended for Felling
67	24	Ashoka	13°0'35.903"N/7°36'52.178"E	1.05m	10m	4m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split and peeled, decay symptoms and termite infestation at collar portion of the tree, therefore the tree do not qualify for translocation The tree is recommended for Felling
68	25	Ashoka	13°0'35.969"N/7°36'52.079"E	0.95m	12m	2m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is partially drying with bark completely removed all around the trunk at the base, therefore the tree do not qualify for translocation The tree is recommended for Felling
69	26	Ashoka	13°0'36.068"N/7°36'52.014"E	0.80m	10m	1m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of

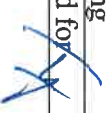
SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								station box with entry and exit; therefore the tree cannot be retained Near about 50% of the trunk portion at the base is removed and the exposed portion of the trunk is decayed, therefore the tree do not qualify for translocation The tree is recommended for Felling
70	28	Jack fruit	13°0'36.198"N/77°36'51.949"E	1.20m	12m	2m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured, dried / dead branches, severe infestation of short hole borers in the dried branches, the tree do not qualify for translocation The tree is recommended for Felling
71	29	Ashoka	13°0'36.33"N/77°36'51.751"E	1.0m	10m	3m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with severe bark split, decay symptoms at collar portion of the tree, therefore the tree do not qualify for translocation The tree is recommended for Felling

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
72	30	Ashoka	13°0'36.429"N/7°36'51.653"E	1.40m	12m	4m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured and forked with weak unions, severe bark split, decay symptoms and termite infestation at collar portion of the tree, therefore the tree do not qualify for translocation The tree is recommended for Felling
73	31A	Mango	13°0'36.528"N/7°36'51.521"E	0.7m	8m	3m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is widely forked from the base and do not qualify for Transplantation as excavation of root ball of desired size is not possible The tree is recommended for Felling
74	32	Hathi	13°0'36.627"N/7°36'51.39"E	2.30m	12m	6m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured and huge (root ball) 

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								excavation is not possible), collar region of the tree is damaged, therefore the tree do not qualify for translocation The tree is recommended for Felling
75	33	Hathi	13°0'37.372"N/77°36'51.696"E	2.4m	12m	5m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured and huge (root ball excavation is not possible), tree shows decline symptoms from the top, therefore the tree do not qualify for translocation The tree is recommended for Felling
76	34A	Mango	13°0'37.338"N/77°36'51.828"E	1m	9m	5m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with forked trunks (root ball excavation is not possible) those are dried / decayed with short hole borer infestation, therefore the tree do not qualify for translocation The tree is recommended for Felling
77	35A	Huvarsi	13°0'36.978"N/77°36'52.09"E	1.1m	10m	5.5m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of

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SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								station box with entry and exit; therefore the tree cannot be retained The tree is matured with forked trunks (root ball excavation is not possible), termite infestation at the base, weak branch unions, therefore the tree do not qualify for translocation The tree is recommended for Felling
78	36	Spathodia	13°0'36.513"N/7°36'52.98"E	2.1m	12m	4m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured and huge in size (proportional root ball excavation to girth is not possible), therefore the tree do not qualify for translocation The tree is recommended for Felling
79	37	Dalichanda	13°0'36.513"N/7°36'53.047"E	0.9m	14m	0	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is present very close to old drainage channel and boundary wall and therefore excavation of quality root ball of desirable size for translocation is not possible

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								The tree is recommended for Felling
80	38	Paper	13°0'35.127"N/77°36'51.772"E	0.75m	6m	4m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is crooked and leaning towards one side with severe canker symptoms (mechanically), therefore the tree do not qualify for translocation The tree is recommended for Felling
81	39	Neem	13°0'35.324"N/77°36'51.542"E	0.66m	7m	3m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is under severe stress, bending, with its canopy being topped, hence do not qualify for translocation The tree is recommended for Felling
82	40	Cherry	13°0'35.587"N/77°36'51.345"E	0.65m	3.5m	0m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is dried / dead The tree is recommended for Felling
83	41	Humase	13°0'36.27"N/	1.6m	12m	10m	Felling	Tree is present in the area proposed for 

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
			77°36'51.253"E					excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with canker face symptoms on the trunk, further the size of the tree do not qualify for translocation The tree is recommended for Felling
84	42	Cherry	13°0'36.233"N/77°36'51.75"E	0.5m	6m	0	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is dried / dead The tree is recommended for Felling
85	44A	Spathodia	13°0'35.352"N/77°36'52.04"E	0.95m	08m	4m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of station box with entry and exit; therefore the tree cannot be retained The tree is matured with both the trunks conjoined together from the bottom and they are very close to tree no. 45, therefore excavation of desirable size of root ball is not possible The tree is recommended for Felling
86	45	Neem Tree	13°0'35.352"N/77°36'52.006"E	1.10m	7m	3m	Felling	Tree is present in the area proposed for excavation of mass of soil for construction of

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
Venkateshpura station								
87	1	Neem Tree	13°1'0.901"N/ 77°37'3.054"E	0.80m	7.0m	0	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and it causes hindrance to installation of Gantry Crane • Tree is completely dried • Hence, recommended for felling.
88	2	Mango Tree	13°1'4.385"N/ 77°37'5.943"E	1.00m	8.0m	4.0m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and it causes hindrance to installation of Gantry Crane • Tree is matured, mechanically damage, one major branch is already pruned and two branches are dead. • Hence, recommended for felling
89	3	Paper Tree	13°1'4.324"N/ 77°37'5.545"E	1.20m	12.0m	4.0m	Felling	<ul style="list-style-type: none"> • Tree is located within project area i.e., construction of station box. • Tree has multiple branches (4 Nos.)
	3A			1.0m	12.0m	4.0m		
	3B			1.0m	12.0m	4.0m		

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
	3C			0.6m	8.0m	2.0m		<ul style="list-style-type: none"> • Roots are exposed to soil surface. • Not possible to excavate appropriate root ball • Hence, recommended for felling.
90	4	Tabubia tree	13°1'7.367"N/ 77°37'6.97"E	1.20m	14.0m	6.0m	Felling	<ul style="list-style-type: none"> • Tree is located outside the BMRCL project area but tree is causing hindrance to construction of road (6 mt) for traffic diversion. • Tree is mature, girdled at the bottom due to soil compaction. • Hence, recommended for felling
K G Halli Station								
91	1	Peltopharm	13°1'45.247"N / 77°37'14.3"E	1.23m	7.0m	8.0m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to installation of Gantry Crane. • Roots are exposed to surface and found epicormic shoots, indicating tree is under stress. • Hence, recommended for felling.
92	2	Peltopharma	13°1'45.474"N / 77°37'14.336"E	1.80m	7.0m	8.0m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to installation of Gantry Crane. • Roots are exposed to surface and found

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
93	3	Seemethangadi	13°1'48.522"N / 77°37'15.264"E	0.65m	6.0m	4.0m	Felling	<ul style="list-style-type: none"> epicormic shoots, indicating tree is under stress. Hence, recommended for felling. Tree is located within the project area and causing hindrance to installation of Gantry Crane. Tree is mechanically damaged, found fissures, hallowness. Hence, recommended for felling.
94	4	Badam	13°1'49.01"N / 77°37'15.236"E	0.79m	6.0m	3.5m	Felling	<ul style="list-style-type: none"> Tree is located within the project area and causing hindrance to installation of Gantry Crane. Tree is located adjacent to the existing drainage. Hence, appropriate root ball of earth cannot be excavated. Hence, recommended for felling.
CC-1, Nagawara Station, CC-2 & Ramp								
95	1	Rain Tree	13°2'41.884"N	1.2m	5.0m	8m	Felling	<ul style="list-style-type: none"> Tree is located within the project area

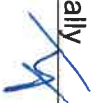
SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
			77°37'38.449" E					and causing hindrance to construction of Ramp retaining wall. • Tree is mechanically damaged, two branches are already pruned and found epicormic shoots. • Hence, recommended for felling.
96	3	Honge	13°2'41.432"N/ 77°37'38.113" E	0.3m	3.3m	5.5m	Felling	• Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. • Tree has forked branches, and leaned. • Hence, tree is recommended for felling.
97	5	Honge	13°2'41.271"N/ 77°37'38.011" E	0.65m	4m	4.6m	Felling	• Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. • Tree has multiple branches and two branches are already felled, mechanically damaged and found wood borer on the stem. • Hence, recommended for felling.
98	6	Coconut	13°2'40.787"N/ 77°37'37.575" E	1.15m	12.25m	5m	Felling	• Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. • Tree is tall and it cannot be translocated. • Hence, tree is recommended for felling.

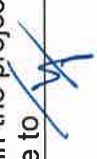
SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
99	7	Coconut	13°2'40.92"N/77°37'37.34"E	1.2m	11.8m	5m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. • Tree is tall and it cannot be translocated. • Hence, tree is recommended for felling.
100	8	Coconut	13°2'40.569"N/77°37'36.677"E	1.15m	12.2m	5m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. • Tree is tall and it cannot be translocated. • Hence, tree is recommended for felling.
101	9	Ashoka	13°2'39.051"N/77°37'35.666"E	1.15m	7.0m	1m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. • The base of stem is girdled due to constrictions. • The appropriate root ball of earth cannot be excavated. • Hence, recommended for felling.
102	10	Acacia	13°2'38.621"N/77°37'36.325"E	1.13m	4.5m	8.8m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area, this space is used construction of road for traffic diversion • Tree has forked branches, mechanically

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SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								<ul style="list-style-type: none"> damaged, one branch is fallen. Hence, recommended for felling.
103	11	Silver oak	13°2'38.82"N/ 7°37'35.995"E	0.8m	10.6m	3.4m	Felling	<ul style="list-style-type: none"> Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. The success rate of translocation trees are very less. Hence, recommended for felling.
104	13	Basavan pada	13°2'38.661"N/ 77°37'35.562"E	0.77m	4.2m	5.5m	Felling	<ul style="list-style-type: none"> Tree is located within the project area and causing hindrance to construction of Ramp retaining wall. Tree has forked branches, and found bulging of bole at the base and three major branches are dried. Hence, recommended for felling.
105	15	Coconut	13°2'34.175"N/ 77°37'32.164"E	0.9m	11.35m	5.5m	Felling	<ul style="list-style-type: none"> Tree is located within the project area and causes hindrance to construction of Cut & Cover-2 tunnel. Tree is tall and agronomically maintained. Hence recommended for felling.
106	16	Coconut	13°2'33.917"N/ 77°37'31.963"E	0.9m	10.15m	5.3m	Felling	<ul style="list-style-type: none"> Tree is located within the project area and causes hindrance to construction of Cut & Cover-2 tunnel. Tree is tall and agronomically maintained.

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								maintained.
								• Hence recommended for felling.
107	17	Coconut	13°2'33.788"N/ 77°37'31.862"E	0.9m	12.2m	5.5m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causes hindrance to construction of Cut & Cover-2 tunnel. • Tree is tall and agronomically maintained. • Hence recommended for felling.
108	18	Coconut	13°2'30.288"N/ 77°37'30.664"E	1.2m	10.4m	5.8m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causes hindrances to the construction of DG room at concourse level of station. Hence recommended for felling.
109	19	Coconut	13°2'30.223"N/ 77°37'30.597"E	1.2m	11.1m	5.3m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causes hindrance to construction of DG room at concourse level of station. • Tree is tall and agronomically maintained. • Hence recommended for felling.
110	20	Coconut	13°2'30.093"N/ 77°37'30.595"E	1m	11.2m	5.8m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causes hindrance to construction of DG room at concourse level of station. • Tree is tall and agronomically maintained.



SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								maintained. • Hence recommended for felling.
111	21	Coconut	13°2'30.253"N/ 77°37'30.829"E	1.1m	10.7m	6.1m	Felling	• Tree is located within the project area and causes to hindrances construction Back of House Unpaid Concourse area of station. • Tree is tall and agronomically maintained. • Hence recommended for felling.
112	23	Coconut	13°2'30.186"N/ 77°37'31.061"E	1.1m	10.25m	5.1m	Felling	• Tree is located in the project area and causes hindrance to construction Back of House Unpaid Concourse area of station • Tree is tall and agronomically maintained. • Hence recommended for felling.
113	24	Coconut	13°2'30.021"N/ 77°37'31.258"E	0.8m	8.45m	5.1m	Felling	• Tree is located in the project area and causes hindrance to construction Back of House Unpaid Concourse area of station • Tree is tall and agronomically maintained. • Hence recommended for felling.
114	25	Neem	13°2'29.892"N/ 77°37'31.224"E	0.75m	4.0m	15m	Felling	• Tree is located in the project area and causes hindrance to 

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
			E					<ul style="list-style-type: none"> construction Back of House Unpaid Concourse area of station Tree is lean and it has forked branches and bent in opposite directions Two branches of this tree are already felled. Hence, recommended for felling
115	26	Coconut	13°2'29.827"N/ 77°37'31.223"E	1.1m	8.85m	5.5m	Felling	<ul style="list-style-type: none"> Tree is located in the project area and causes hindrance to construction Back of House Unpaid Concourse area of station Tree is tall and agronomically maintained. Hence recommended for felling.
116	27	Coconut	13°2'29.697"N/ 77°37'31.188"E	1.15m	9.84m	5.1m	Felling	<ul style="list-style-type: none"> Tree is located in the project area and causes hindrance to construction Back of House Unpaid Concourse area of station Tree is tall and agronomically maintained. Hence recommended for felling.
117	28	Coconut	13°2'29.666"N/ 77°37'31.055"E	0.85m	10.35m	5.4m	Felling	<ul style="list-style-type: none"> Tree is located in the project area and causes hindrance to construction Back of House Unpaid Concourse area of station

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								<ul style="list-style-type: none"> • Tree is tall and agronomically maintained. • Hence recommended for felling.
118	31	Coconut	13°2'29.699"N/ 77°37'30.956"E	1m	10.5m	3.3m	Felling	<ul style="list-style-type: none"> • Tree is located in the project area and causes hindrance to construction Back of House Unpaid Concourse area of station • Tree is tall and agronomically maintained. • Hence recommended for felling.
119	32	Coconut	13°2'29.733"N/ 77°37'30.824"E	1.1m	11m	4.5m	Felling	<ul style="list-style-type: none"> • Tree is located in the project area and causes hindrance to construction Back of House Unpaid Concourse area of station • Tree is tall and agronomically maintained. • Hence recommended for felling.
120	34	Coconut	13°2'29.832"N/ 77°37'30.659"E	1m	9.5m	4.7m	Felling	<ul style="list-style-type: none"> • Tree is located in the project area and causes hindrance to construction Back of House Unpaid Concourse area of station • Tree is tall and agronomically maintained. • Hence recommended for felling.
121	35	Coconut	13°2'29.767"N/	0.85m	10m	4.8m	Felling	<ul style="list-style-type: none"> • Tree is located in the project area and

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
			77°37'30.725" E					causes hindrance to construction Back of House Unpaid Concourse area of station • Tree is tall and agronomically maintained. • Hence recommended for felling.
122	37	Coconut	13°2'29.572"N/ 77°37'30.656" E	1.1m	11.2m	4.7m	Felling	• Tree is located in the project area and causes hindrance to construction Back of House Unpaid Concourse area of station • Tree is tall and agronomically maintained. • Hence recommended for felling.
123	40	Paper	13°2'29.727"N/ 77°37'31.388" E	1.4m	7.0m	4.9m	Felling	• Tree is located within the project area and it causes to road diversion work. • Tree is having multiple branches, one branch is already felled. • Hence recommended for felling.
124	41	Hooovu arasi	13°2'29.339"N/ 77°37'31.218" E	1.2m	4.5m	4.5m	Felling	• Tree is located within the project areas and it causes hindrance to installation of Gantry Crane. • Tree is having forked branches, major branches are dried and found epicormic shoots. • Hence recommended for felling.

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SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
125	42	Honge	13°2'29.112"N/ 77°37'31.182"E	0.8m	3m	3.1m	Felling	<ul style="list-style-type: none"> • Tree is located within the project areas and it causes hindrance to installation of Gantry Crane. • Tree is lean, and bent and two major branches are already pruned. • Hence recommended for felling.
126	44	Honge	13°2'28.69"N/7 7°37'31.045"E	1.5m	4.0m	7.2m	Felling	<ul style="list-style-type: none"> • Tree is located within the project areas and it causes hindrance to installation of Gantry Crane. • Tree has forked branches and lean, found hallowness on the trunk, and two branches are already felled. • Hence recommended for felling.
127	46	Sweet Hunase	13°2'28.956"N/ 77°37'30.517"E	0.8m	4.0m	4m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causes hindrance to construction of unpaid concourse area of station. Hence recommended for felling. • Tree has multiple branches, mechanically damaged. • Appropriate root ball of earth cannot be excavated. • Hence, recommended for felling
128	49	Coconut	13°2'27.206"N/ 77°37'29.902"E	0.9m	8m	4.6m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area i.e., station box, and causes hindrance to construction of paid concourse area of station.

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								<ul style="list-style-type: none"> • Tree is tall and not managed agronomically. • Hence recommended for felling.
129	50	Teak	13°2'27.177"N/ 77°37'29.503" E	1.2m	4.5m	6.5m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causes hindrance to construction of ECS plant room of station. • Mechanically damaged • Hence recommended for felling.
130	51	Teak	13°2'27.212"N/ 77°37'29.305" E	1.3m	4.0m	4.3m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causes hindrance to construction of ECS plant room of station. • Tree is leaned and mechanically damaged • Hence recommended for felling.
131	53	Mango	13°2'26.534"N/ 77°37'28.767" E	1.3m	3.5m	8.5m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causes hindrance to construction of ECS plant room of station. • Tree has fissure at the base of the bole, two major branches are dried. • Hence recommended for felling.
132	55	Coconut	13°2'26.263"N/ 77°37'29.892" E	0.85m	12.5m	4.6m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causes hindrance to the construction of station box. • Tree is tall and not well maintained. • Hence recommended for felling.

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SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
133	56	Spathodia	13°2'26.035"N/ 77°37'29.922"E	1m	5.5m	1.5m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causes hindrance to the construction of station box. • Tree is not having clear bole and found epicormic shoots because of stress. • Hence recommended for felling.
134	58	Neem	13°2'24.446"N/ 77°37'29.474"E	0.97m	5.0m	5.5m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causes hindrance to the construction of plumbing shaft of station • Found oozing on the bole, girdled at the base of the bole, mechanically damaged. • Hence recommended for felling.
135	62	Hooovu arasi	13°2'21.149"N/ 77°37'27.416"E	1.3m	3.0m	10.4m	Felling	<ul style="list-style-type: none"> • Tree is located at the construction of road for traffic diversion • Tree has forked branches, and bent towards the existing road and found epicormic shoots. • Five branches are mechanically damaged. • Hence, recommended for felling.
136	63	Neem	13°2'20.887"N/ 77°37'27.646"E	0.85m	3.5m	8.3m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to Cut & Cover-2 tunnel and road diversion work. • Tree is mechanically damaged, two branches are already pruned.

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								<ul style="list-style-type: none"> • Appropriate root ball of earth cannot be excavated due to existing road. • Hence, recommended for felling.
137	65	Honge	13°2'20.562"N/ 77°37'27.576"E	0.85m	2.0m	1m	felling	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to Cut & Cover-2 tunnel and road diversion work. • Tree is mechanically damaged and only stump portion is there. • Appropriate ball of earth cannot be excavated. • Hence, recommended for felling.
138	66	Gulmohr	13°2'20.201"N/ 77°37'27.871"E	1.85m	5.0m	15.9m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to Cut & Cover-2 tunnel and road diversion work. • Three major branches are already pruned, one branch is dried, roots exposed to surface (looks like a buttresses) • Tree is matured and found epicormic shoots. • Hence, recommended for felling.
139	68	Honge	13°2'18.44"N/7 7°37'28.416"E	1.2m	4.0m	7.3m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to installation of Gantry Crane/movement of piling rig.

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								<ul style="list-style-type: none"> • Tree is mechanically damaged and found wood borers, fissures and hallowness on the bole. • Hence, recommended for felling
140	69	Honge	13°2'18.442"N/ 77°37'28.217"E	0.8m	4.5m	7.6m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to installation of Gantry Crane/movement of piling rig. • Tree is having multiple branches (3 Nos.) and two branches are already felled. • Hence, recommended for felling
141	70	Honge	13°2'18.411"N/ 77°37'27.984"E	0.8m	4.0m	7.3m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to installation of Gantry Crane/movement of piling rig. • Tree is leaned and bent towards the exiting road and mechanically damaged. • Hence, tree is recommended for felling

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
142	71	Honge	13°2'18.381"N/ 77°37'27.752"E	1.3m	4.5m	8.5m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to installation of Gantry • Crane/movement of piling rig. • Tree has forked branches from the base of the bole. • Tree is matured, and found girdling at the base of bole and also mechanically damaged. • Hence, tree is recommended for felling
143	72	Honge	13°2'18.383"N/ 77°37'27.553"E	0.8m	4.5m	4.8m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to installation of Gantry • Crane/movement of piling rig. • Tree is having forked branches, more than 25 % of the stem is decayed. • Hence, recommended for felling.
144	73	Honge	13°2'18.353"N/ 77°37'27.354"E	0.9m	4.0m	7.6m	Felling	<ul style="list-style-type: none"> • Tree is located within the project area and causing hindrance to installation of Gantry • Crane/movement of piling rig. • It has forked branches, mechanically damaged, girdled at the bottom, found wood borer on the

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
								bole.
145	77	Mango	13°2'18.552"N/ 77°37'26.958"E	0.47m	2.5m	1.5m	Felling	<ul style="list-style-type: none"> Tree is located within the project areas and causing hindrance to construction of TBM Retrieval shaft. Tree is young and healthy, but appropriate root ball of earth cannot be excavated because, tree Nos. 78 and 76 are very near (less than 1 ft). Hence, recommended for felling.
146	76	Mango	13°2'18.552"N/ 77°37'26.958"E	0.43m	3.0m	1.5m	Transplantation	<ul style="list-style-type: none"> Tree is located within the project areas and causing hindrance to construction of TBM Retrieval shaft. Tree is young and healthy, but appropriate root ball of earth cannot be excavated because, tree Nos. 78 and 76 are very near (less than 1 ft). Hence, recommended for felling.
147	78	Jamun	13°2'18.551"N/ 77°37'27.024"E	0.87m	4.5m	7.7m	Felling	<ul style="list-style-type: none"> Tree is located within the project areas and causing hindrance to construction of TBM Retrieval shaft. Tree is having forked branches and one major branch is already pruned. Appropriate root ball of earth cannot be

SL No	Tree No.	Species	Location (Lat / Long)	GBH	Height	Crown Spread	TEC Recommendation	Justification
148	80	Rain Tree	13°2'19.067"N/ 77°37'27.494"E	1.2m	5.0m	17m	Felling	<ul style="list-style-type: none"> excavated because, tree Nos. 78 and 76 are very near (less than 1 ft). Hence, recommended for felling. Tree is located within the project area and causing hindrance to the construction of TBM Retrieval shaft. Tree is matured and having forked branches, two branches are mechanically damaged. Hence, recommended for felling
149	81	Honge	13°2'18.292"N/ 77°37'26.922"E	1.3m	4.5m	16.6m	Felling	<ul style="list-style-type: none"> Tree is located within the project area and causing hindrance to the construction of TBM Retrieval shaft. Tree is matured and having forked branches, two branches are mechanically damaged. Hence, recommended for felling

Summary:

Total number of trees recommended for on-site retention	05
Total number of trees recommended as suitable for translocation	58
Total number of trees recommended for felling	149


 Member Secretary of TEC &
 Assistant Conservator of Forests
 BBMP, Bangalore.



ಬೆಂಗಳೂರು ಮೆಟ್ರೋ ರೈಲ್ ನಿಗಮ ನಿಯಮಿತ

(ಸಹಭಾಗಿತ್ವದ - ಕರ್ನಾಟಕ ಸರ್ಕಾರ ಹಾಗೂ ಕೇಂದ್ರ ಸರ್ಕಾರ ಉದ್ಯಮ)
ನೋಂದಾಯಿತ ಕಛೇರಿ : ಬಿ.ಎಂ.ಟಿ.ಸಿ. ಕಾಂಪ್ಲೆಕ್ಸ್, 3ನೇ ಮಹಡಿ, ಕೆಂಗಲ್ ಹನುಮಂತಯ್ಯ ರಸ್ತೆ, ಶಾಂತಿನಗರ
ಬೆಂಗಳೂರು - 560 027, ಭಾರತ

Bangalore Metro Rail Corporation Ltd.

(A Joint Venture of Government of Karnataka & Government of India)

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BMRCL/0163/P-2/CE-UG/RT-01/BBMP/2020/7701

25.11.2020

To

Deputy Conservator of Forests (Tree Officer, BBMP)
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N.R. Square
Bangalore- 560001

Sub: Construction of Underground Metro Works of Phase-2 Reach-6 Underground Line -
Removal of Trees between South Ramp (Jayanagar Fire Station) to North Ramp (Nagawara) for length of 13.89 Kms - reg.

Ref:- As per the orders of Hon'ble High Court of Karnataka dated 18.11.2020 in WP No.17841/2018.

Bangalore Metro Rail Corporation is carrying out underground works (Tunneling and Station works) from South Ramp (Jayanagar Fire Station) to North Ramp (Nagawara). The Metro construction activities are in full swing in this reach.

A total of 276 Nos of trees are standing in the project area of which 212 Nos are essential to be removed for Metro construction activities.


Among 212 trees to be cleared, there are 70 trees belonging to exempted category as per Section 08 Sub Clause (7) of Tree Act 2015. The trees belonging to exempted category are mentioned only for information and BMRCL will clear the same as and when required without waiting for permission.

The request is once again compiled as per the instructions of Hon'ble High Court of Karnataka as per the attached application along with enclosures. The trees are marked in the GAD and tabulated in the statement enclosed.

It is requested to grant permission to remove the trees as the works of construction of metro rail project in this reach is affected.

Thanking you,

Yours faithfully,

 25.11.2020

(Subrahmanya Gudge)
Chief Engineer (UG-1)

Cc: 1. Chairman, expert committee for granting permission for felling of trees as requested above.
2.Executive Director (Civil-1) for information.

Phone : +91-(0)80-2296 9300 / 22969301, Fax : + 91-(0)80-2296 9222. E-mail : bmrcl@dataone.in Web : www.bmrcl.co.in

CIN No. : U16286KA1994GOI016286



FORM NO.I
[See Rule 4(1)]

Form of Application

From,
The Chief Engineer,
Reach-6, UG,
Bangalore Metro Rail Corporation
BMTC Complex III rd floor
KH Road, Bangalore-560027

Date: 25.11.2020

To,
The Deputy Conservator of Forest (Tree Officer),
BBMP, N.R.Square,
City Corporation, Bengaluru-560003

Sir,

BMRCL intend to clear the trees infringing the R6 Underground Metro construction works. The details of the infringing trees are enclosed for your further necessary action.

1.	Sy. No. and extent of the land from which the trees are to be felled.	South Ramp (Jayanagar Fire Station) to North Ramp (Nagwara) & Length Approx.13.89KM
2.	Location of the Sy. No. with Sy. Sketch.	Enclosed as Annexure III
3.	Whether the boundary of Sy. No. is clear and demarcated properly on the ground	YES
4.	Enumeration of Trees (a) Total number of trees standing in the project area (b) Total number of trees proposed to be removed(Felling/Translocation)	276 (Annexure I) 212 (Annexure II)
5.	The purpose for which the trees are to be felled (specific mention to be made about the purpose)	Infringing the Metro alignment from South Ramp to Nagawara.
6.	Khata extract and Certificate from the Tahasildar regarding the tenure of the Land (Hiduvali, Darkhast, Inam, Lease, Coffee/ Cardamum, Malki, Bane and so on and whether the tree growth is redeemed or unredeemed) and the right over the Land and Tree growth.	NA
7.	Whether any tree proposed to be felled is reserved to Government, if so, details may be given.	NA
8.	Whether unconditional consent of the other owners having share in the right to land and the trees if any is obtained (proof thereof to be enclosed).	NA

FORM I**KARNATAKA PRESERVATION OF TREES RULES, 1977**

9.	Whether the licensee or certificate in respect of the following is enclosed in case the purpose of felling is for; (i) Coffee cultivation – Certificate from Coffee Board. (ii) Rubber Cultivation – Certificate from Rubber Board. (iii) Cardamom Cultivation Certificate from Cardamom Board. (iv) For construction of building Certificate from Village Panchayat or Executive Officers of the Municipality as the case may be.	NA

We therefore, request you to accord permission for clearance of trees infringing the Bangalore Metro Construction works.

We are prepared of furnish other particulars if any require and demanded by the tree officer in this regard during the course of enquiry.

We agree to abide by the provision of the Karnataka Preservation of Trees Act, 1976 and the Karnataka Forest Act, 1963 and the rules made there under and such other conditions that may be imposed by the Tree officer.

We do hereby agree to indemnify Government of Karnataka against any loss or damage caused on account of permission accorded to me by the Tree Officer based on erroneous or wrong information furnished by me.

Yours faithfully,

 25.11.2020

Chief Engineer
Reach-06 (UG), BMRCL.
(Applicant)

Abstract - Number of Trees to be Removed in Reach 6 Under Ground

S.No	Station / Location	No. of Trees
1	ITI Ground	4
2	Dairy Circle	33
3	Lakkasandra	20
4	MG Road	9
5	Cantonment metro Station	11
6	Pottery Town Metro Station	3
7	Tannery Road Metro Station	46
8	Venkateshpura Metro Station	4
9	KG Halli Station	4
10	CC-1, Nagawara Station, CC-2 & Ramp	78
	Total	212



Reach-6 UG - List of Trees to be Removed at ITI Ground with Species, Girth and GPS

S.No	Tree no	Species	Girth (mts)	Height (mts)	Latitude	Longitude	Remarks
1	8	ASHOKA	1.25	5.000	12°56'13.161"N	77°36'1.294"E	
2	9	ASHOKA	1.3	6.500	12°56'13.004"N	77°36'1.298"E	
3	10	ASHOKA	1.3	6.500	12°56'12.852"N	77°36'1.327"E	
4	11	ASHOKA	1.2	7.500	12°56'12.088"N	77°36'1.613"E	

Enumeration of Trees

Total No of trees standing in the Project Area	4
Total No of trees exempted from permission	0
Total No of trees proposed to be removed	4



Reach-6 UG - List of Trees to be Removed at Dairy Circle with Species, Girth and GPS

S.No	Tree no	Species	Girth (mts)	Height (mts)	Latitude	Longitude	Remarks
1	1	Jamun	1.8	9.0	12°56'23.025"N	77°36'7.285"E	
2	2	Eucalyptus	2.1	12.0	12°56'23.386"N	77°36'7.628"E	Exempted as per Tree Act
3	3	Eucalyptus	1.5	12.0	12°56'23.450"N	77°36'7.580"E	Exempted as per Tree Act
4	4	Neem	0.4	4.0	12°56'23.527"N	77°36'7.448"E	
5	5	Neem	0.8	6.0	12°56'23.662"N	77°36'7.449"E	
6	6	Eucalyptus	2.5	12.0	12°56'23.848"N	77°36'7.625"E	Exempted as per Tree Act
7	7	Neem	0.9	6.0	12°56'24.484"N	77°36'7.676"E	
8	8	Peepal	5.5	12.0	12°56'24.920"N	77°36'7.880"E	
9	9	Jamun	2.0	12.0	12°56'25.079"N	77°36'7.795"E	
10	10	Jamun	0.9	8.0	12°56'26.630"N	77°36'8.176"E	
11	11	Mango	0.6	4.0	12°56'23.025"N	77°36'8.616"E	Exempted as per Tree Act
12	12	Rain tree	3.5	12.0	12°56'25.570"N	77°36'7.899"E	
13	13	Eucalyptus	2.0	12.0	12°56'25.615"N	77°36'8.024"E	Exempted as per Tree Act
14	14	Honge	1.5	9.0	12°56'25.728"N	77°36'7.850"E	
15	15	Honge	2.0	10.0	12°56'25.938"N	77°36'7.898"E	
16	16	Honge	0.8	4.0	12°56'26.182"N	77°36'8.008"E	
17	17	Mango	1.3	8.0	12°56'26.117"N	77°36'8.106"E	Exempted as per Tree Act
18	18	Mango	0.9	6.0	12°56'26.630"N	77°36'8.176"E	Exempted as per Tree Act
19	19	Honge	1.2	6.0	12°56'26.824"N	77°36'8.084"E	
20	20	Honge	2.2	7.0	12°56'27.636"N	77°36'8.264"E	
21	21	Neem	0.9	4.5	12°56'27.470"N	77°36'8.236"E	
22	35	Peepal	1.5	7.0	12°56'25.610"N	77°36'9.235"E	
23	36	Peepal	1.7	7.0	12°56'25.764"N	77°36'9.006"E	
24	37	Jamun	1.3	7.5	12°56'24.516"N	77°36'8.711"E	
25	38	Eucalyptus	3.0	12.0	12°56'23.809"N	77°36'8.614"E	Exempted as per Tree Act
26	39	Sisso	0.7	7.5	12°56'23.136"N	77°36'8.760"E	
27	40	Teak	0.4	5.0	12°56'23.025"N	77°36'8.616"E	
28	41	Gulmohr	1.3	9.0	12°56'23.102"N	77°36'8.636"E	
29	42	Coconut	0.9	10.00	12°56'27.697"N	77°36'7.988"E	Exempted as per Tree Act
30	43	Coconut	0.85	10.55	12°56'26.52"N	77°36'8.118"E	Exempted as per Tree Act
31	44	Coconut	0.912	10.65	12°56'25.252"N	77°36'7.769"E	Exempted as per Tree Act
32	45	Coconut	0.952	10.20	12°56'25.004"N	77°36'7.78"E	Exempted as per Tree Act
33	46	Banni mara	1.3	7.0	12°56'26.823"N	77°36'9.662"E	

Enumeration of Trees

Total No of trees standing in the Project Area	33
Total No of trees Exempted as per Tree Act from permission	12
Total No of trees proposed to be removed	33



Reach-6 UG - List of Trees to be Removed at Lakkasandra with Species, Girth and GPS

S.No	Tree no	Species	Girth (mts)	Height (mts)	Latitude	Longitude	Remarks
1	22	Rain Tree	2.05	9	12°56'55.035" N	77°36'9.730"E	
2	23	Spathodea	0.9	5	12°56'58.404" N	77°36'10.557"E	
3	24	Banyan tree	0.85	5	12°57'0.073"N	77°36'11.551"E	
4	25	Peepal	4.5	12	12°57'0.387"N	77°36'12.509"E	
5	26	Jamun	1.35	6	12°56'58.133"N	77°36'11.547"E	
6	27	Rain Tree	3.75	7.0	12°56'57.352"N	77°36'11.184"E	
7	28	Fig	3	8	12°56'55.752"N	77°36'11.048"E	
8	29	Peepal	5.5	12.0	12°56'54.153"N	77°36'11.141"E	
9	30	Buruga Tree	2.1	10.0	12°56'54.221"N	77°36'10.277"E	
10	31	Mango tree	0.9	7.0	12°56'54.215"N	77°36'10.402"E	Exempted as per Tree Act
11	32	Jack Fruit	0.45	2.5	12°56'58.411"	77°36'10.470"E	
12	33	Peepal	3	10.0	12°56'53.643"N	77°36'9.882"E	
13	34	Spathodea	2.8	8	12°56'53.581"N	77°36'9.989"E	
14	47	Coconut	0.85	10.00	12°56'57.778"N	77°36'10.796"E	Exempted as per Tree Act
15	48	Coconut	0.93	10.55	12°56'57.984"N	77°36'10.919"E	Exempted as per Tree Act
16	49	Coconut	0.915	10.65	12°56'58.196"N	77°36'10.998"E	Exempted as per Tree Act
17	50	Coconut	0.911	10.20	12°56'58.322"N	77°36'10.764"E	Exempted as per Tree Act
18	51	Coconut	0.966	10.65	12°56'58.182"N	77°36'10.098"E	Exempted as per Tree Act
19	52	Coconut	0.975	10.55	12°56'58.369"N	77°36'10.76"E	Exempted as per Tree Act
20	53	Coconut	0.88	10.00	12°56'56.464"N	77°36'10.955"E	Exempted as per Tree Act

Enumeration of Trees

Total No of trees standing in the Project Area	20
Total No of trees Exempted as per Tree Act from permission	8
Total No of trees proposed to be removed	20

Reach-6 UG - List of Trees to be removed at MG Road with Species, Girth and GPS

S.No.	Tree No	Species	Girth (mts)	Height (mts)	Latitude	Longitude	Remarks
1	73	Gulmohar	1.90	8.404	12°58'39.579" N	77°36'32.472" E	
2	74	Honge	1.30	13.765	12°58'39.302" N	77°36'32.378" E	
3	75	Peltophoram	1.40	13.989	12°58'38.989" N	77°36'32.270" E	
4	76	Honge	1.30	9.359	12°58'38.668" N	77°36'32.148" E	
5	77	Sampige	0.90	11.523	12°58'38.103" N	77°36'32.033" E	
6	78	Mahagani	1.40	14.450	12°58'37.912" N	77°36'32.386" E	
7	79	Mahagani	1.00	12.673	12°58'37.617" N	77°36'30.449" E	
8	80	Mahagani	1.60	14.231	12°58'37.711" N	77°36'30.182" E	
9	81	Basavanapada	0.55	4.327	12°58'37.948" N	77°36'30.181" E	

Enumeration of Trees

Total No of trees standing in the Project Area	9
Total No of trees exempted as per tree act from permission	0
Total No of trees proposed to be removed	9



Cantonment Station							
Total number of Trees proposed to be removed							
Sl NO.	Tree NO	Species	Girth (m)	Height (m) Aprox	Latitude_Longitude		Remarks
					Latitude	Longitude	
1	N1	Jungle Wood	1.5	6	12°59'32.845"N	77°36'22.663"E	
2	N2	Jungle Wood	1.2	6	12°59'33.394"N	77°36'23.067"E	
3	N3	Sampige Tree	1.5	12	12°59'33.816"N	77°36'23.171"E	
4	N4	Sleeping Tree	2.3	12	12°59'33.55"N	77°36'23.732"E	
5	N5	Pichkari Tree (Tulip Tree)	2	11	12°59'33.614"N	77°36'23.865"E	
6	N6	Sleeping Tree	1.7	11	12°59'34.327"N	77°36'24.039"E	
7	N7	Sleeping Tree	2.4	14	12°59'34.554"N	77°36'24.141"E	
8	N8	Sleeping Tree	2.3	18	12°59'34.625"N	77°36'23.544"E	
9	N9	Sampige Tree	1	10	12°59'34.139"N	77°36'23.307"E	
10	N10	Jungle Wood (TAM TAM)	1.4	8	12°59'32.618"N	77°36'22.595"E	
11	N11	Jungle Wood (TAM TAM)	1.2	8	12°59'32.554"N	77°36'22.528"E	

Enumeration of Trees
Total Nos of Trees standing in the Work areas - 11 Nos
Total Nos of Trees exempted as per tree act from permission - 0 Nos
Total Nos of Trees proposed to be removed - 11 Nos

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Pottery Town Station						
Total number of Trees proposed to be removed						
Sl NO.	Tree NO	Species	Girth (m)	Height (m) Aprox	Latitude_Longitude Latitude Longitude	Remarks
1	N1	Jungle Wood	1.5	10	13°0'4.893"N 77°36'37.625"E	
2	N2	Peepal Tree	2.5	20	13°0'0.008"N 77°36'31.802"E	
3	N3	Peepal Tree	2.5	20	12°59'59.581"N 77°36'32.229"E	

Enumeration of Trees
Total Nos of Trees standing in the Work areas - 03 Nos
Total Nos of Trees exempted as per tree act from permission - 0 Nos
Total Nos of Trees proposed to be removed - 03 Nos

[Signature] 24/6/2021

Tannery Road Metro Station

Total number of Trees proposed to be removed

S. No.	Tree No.	Branch	Species	Girth (mts)	Height (mts)	Latitude	Longitude	Remarks
1	1		Ashoka	1.3	13	13°0'36.975"N	77°36'52.322"E	
2	2		Mango	0.9	10	13°0'36.909"N	77°36'52.421"E	Exempted as per Tree Act
3	3		Ashoka	1.2	16	13°0'36.877"N	77°36'52.42"E	
4	4		Orange champak	0.67	13	13°0'36.779"N	77°36'52.419"E	
5	5		Ashoka	1.04	15.7	13°0'36.811"N	77°36'52.486"E	
6	6		Jack fruit	1.4	16	13°0'36.746"N	77°36'52.518"E	
7	7		Ashoka	1.01	15.9	13°0'36.712"N	77°36'52.618"E	
8	8		Honge	1.13	11	13°0'36.647"N	77°36'52.584"E	
9	9		Jack fruit	1.1	16	13°0'36.647"N	77°36'52.65"E	
10	10		Ashoka	1.1	16	13°0'36.613"N	77°36'52.716"E	
11	11		Honge	1.24	12	13°0'36.548"N	77°36'52.749"E	
12	12		Mango	0.67	10	13°0'36.484"N	77°36'52.648"E	Exempted as per Tree Act
13	13		Ashoka	1.06	16	13°0'36.515"N	77°36'52.815"E	
14	14		Ashoka	1.12	16	13°0'36.384"N	77°36'52.88"E	
15	15		Ashoka	1.23	16.1	13°0'36.287"N	77°36'52.812"E	
16	16		Ashoka	1.22	14	13°0'36.191"N	77°36'52.712"E	
17	17		Ashoka	1.2	16	13°0'36.094"N	77°36'52.644"E	
18	18		Ashoka	0.93	16	13°0'36.029"N	77°36'52.577"E	
19	19		Mango	1.22	13	13°0'35.965"N	77°36'52.51"E	Exempted as per Tree Act
20	20		Ashoka	1.1	15	13°0'35.933"N	77°36'52.477"E	
21	21		Ashoka	0.96	14	13°0'35.803"N	77°36'52.409"E	
22	22		Ashoka	1.23	15	13°0'35.805"N	77°36'52.276"E	
23	23		Mango	0.81	7	13°0'35.838"N	77°36'52.21"E	Exempted as per Tree Act
24	24		Ashoka	1.08	16	13°0'35.903"N	77°36'52.178"E	
25	25		Ashoka	1.01	14	13°0'35.969"N	77°36'52.079"E	
26	26		Ashoka	1.32	13	13°0'36.068"N	77°36'52.014"E	
27	27		Ashoka	0.9	13	13°0'36.166"N	77°36'51.915"E	
28	28		Jack fruit	1.35	14.5	13°0'36.198"N	77°36'51.949"E	
29	29		Ashoka	1.08	16	13°0'36.33"N	77°36'51.751"E	
30	30		Ashoka	0.77	16	13°0'36.429"N	77°36'51.653"E	
31	31	31	Mango	0.77	10.5	13°0'36.528"N	77°36'51.521"E	Exempted as per Tree Act
		31A	Mango	0.77	10			
32	32		Hathi	2.17	16	13°0'36.627"N	77°36'51.39"E	
33	33		Hathi	2.46	12	13°0'37.372"N	77°36'51.696"E	
34	34		Mango	1.55	10	13°0'37.338"N	77°36'51.828"E	Exempted as per Tree Act
35	35	35	Huvars	1.15	14	13°0'36.978"N	77°36'52.09"E	
		35A	Huvars	1.15	12			
36	36		Spathodia	1.94	16	13°0'36.513"N	77°36'52.98"E	
37	37		Dalichanda	0.93	14	13°0'36.513"N	77°36'53.047"E	
38	38		Paper	0.71	8	13°0'35.127"N	77°36'51.772"E	
39	39		Neem	0.68	8	13°0'35.324"N	77°36'51.542"E	
40	40		Cherry	0.63	4	13°0'35.587"N	77°36'51.345"E	
41	41		Hunase	1.6	15	13°0'36.27"N	77°36'51.253"E	
42	42		Cherry	0.55	9	13°0'36.233"N	77°36'51.75"E	
43	43		Kadubadam tree	0.57	6	13°0'36.101"N	77°36'51.882"E	
44	44	44	Spathodia	0.83	11	13°0'35.352"N	77°36'52.04"E	
		44A	Spathodia	0.45	10			
45	45		Neem Tree	1.15	9	13°0'35.352"N	77°36'52.006"E	
46	46		Arali Tree	1.27	11	13°0'35.451"N	77°36'51.875"E	
Total			46					

Enumeration of Trees

Total Nos of Trees standing in the Work areas - 46 Nos

Total Nos of Trees exempted as per tree act from permission - 06 Nos

Total Nos of Trees proposed to be removed - 46 Nos

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Venkateshpura Metro Station

Total number of Trees proposed to be removed

S.No.	Tree No.	Branch	Species	Girth (mts)	Height (mts)	Latitude	Longitude	Remarks
1	1		Neem Tree	0.88	7.85	13°10.901"N	77°37'3.054"E	
2	2		Mango Tree	0.87	9.2	13°14.385"N	77°37'5.943"E	Exempted as per Tree Act
3	3	3	Paper	0.7	12.23	13°14.324"N	77°37'5.545"E	
		3A	Paper	0.7	12.23			
		3B	Paper	0.7	12.23			
		3C	Paper	0.7	12.23			
4	4		Dhalichand	8	5.7	13°14.415"N	77°37'6.176"E	
5	5		Arali	2.2	7.9	13°10.849"N	77°37'5.01"E	
6	6		Paper	1.2	14	13°17.367"N	77°37'6.97"E	
Total			6					

Enumeration of Trees

Total Nos of Trees standing in the Work areas - 6 Nos

Total Nos of Trees proposed to be retained - 2 Nos

Total Nos of Trees exempted as per tree act from permission - 01 Nos

Total Nos of Trees proposed to be removed - 4 Nos

1/2/2014

Kadugondanahalli Metro Station

Total number of Trees proposed to be removed

S No.	Tree No.	Branch	Species	Girth (mts)	Height (mts)	Latitude	Longitude	Remarks
1	1		Paltapharma	1.23	7.5	13°1'45.247"N	77°37'14.3"E	
2	2		Paltapharma	1.77	10.2	13°1'45.474"N	77°37'14.336"E	
3	3		Seemethangadi	0.6	6	13°1'48.522"N	77°37'15.264"E	
4	4		Badam	0.79	5.3	13°1'49.01"N	77°37'15.236"E	
			4					

Enumeration of Trees

Total Nos of Trees standing in the Work areas - 4 Nos

Total Nos of Trees exempted as per tree act from permission - 0 Nos

Total Nos of Trees proposed to be removed - 4 Nos

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24/6/2019

CC-1,Nagawara Metro Station,CC-2 and Ramp
Total number of Trees proposed to be removed

S.No	Tree No.	Branch	Species	Girth (mts)	Height (mts)	Latitude	Longitude	Remarks
1	1		Rain Tree	1.20	2.00	13°2'41.884"N	77°37'38.449"E	
2	2		Honge	0.28	2.00	13°2'41.561"N	77°37'38.213"E	
3	3		Honge	0.30	2.50	13°2'41.432"N	77°37'38.113"E	
		3a	Honge	0.30	2.00	13°2'41.4"N	77°37'38.112"E	
4	4		Aralimara	0.75	3.00	13°2'41.336"N	77°37'38.045"E	
5	5		Honge	0.65	2.50	13°2'41.271"N	77°37'38.011"E	
6	6		Coconut	1.15	8.00	13°2'40.787"N	77°37'37.575"E	Exempted as per Tree Act
7	7		Coconut	1.20	8.00	13°2'40.92"N	77°37'37.344"E	Exempted as per Tree Act
8	8		Coconut	1.15	8.00	13°2'40.569"N	77°37'36.677"E	Exempted as per Tree Act
9	9		Ashoka	1.15	4.00	13°2'39.051"N	77°37'35.666"E	
10	10		Acacia	1.13	3.00	13°2'38.621"N	77°37'36.325"E	Exempted as per Tree Act
11	11		Silver oak	0.80	4.00	13°2'38.82"N	77°37'35.995"E	Exempted as per Tree Act
12	12		Honge	0.70	2.50	13°2'38.594"N	77°37'35.827"E	
13	13		Basavan pada	0.77	2.50	13°2'38.661"N	77°37'35.562"E	
14	14		Honge	0.80	2.50	13°2'38.827"N	77°37'35.299"E	
15	15		Coconut	0.90	8.00	13°2'34.175"N	77°37'32.164"E	Exempted as per Tree Act
16	16		Coconut	0.90	8.00	13°2'33.917"N	77°37'31.963"E	Exempted as per Tree Act
17	17		Coconut	0.90	8.00	13°2'33.788"N	77°37'31.862"E	Exempted as per Tree Act
18	18		Coconut	1.20	7.00	13°2'30.288"N	77°37'30.664"E	Exempted as per Tree Act
19	19		Coconut	1.20	7.00	13°2'30.223"N	77°37'30.597"E	Exempted as per Tree Act
20	20		Coconut	1.00	7.00	13°2'30.093"N	77°37'30.595"E	Exempted as per Tree Act
21	21		Coconut	1.10	7.00	13°2'30.253"N	77°37'30.829"E	Exempted as per Tree Act
22	22		Mango	0.50	2.00	13°2'30.22"N	77°37'30.895"E	Exempted as per Tree Act
23	23		Coconut	1.10	7.00	13°2'30.186"N	77°37'31.061"E	Exempted as per Tree Act
24	24		Coconut	0.80	5.50	13°2'30.021"N	77°37'31.258"E	Exempted as per Tree Act
25	25		Neem	0.75	3.00	13°2'29.892"N	77°37'31.224"E	
26	26		Coconut	1.10	5.50	13°2'29.827"N	77°37'31.223"E	Exempted as per Tree Act
27	27		Coconut	1.15	5.00	13°2'29.697"N	77°37'31.188"E	Exempted as per Tree Act
28	28		Coconut	0.85	5.00	13°2'29.666"N	77°37'31.055"E	Exempted as per Tree Act
29	29		Mango	0.45	2.50	13°2'29.763"N	77°37'31.09"E	Exempted as per Tree Act
30	30		Mango	0.35	2.50	13°2'29.796"N	77°37'31.024"E	Exempted as per Tree Act
31	31		Coconut	1.00	4.00	13°2'29.699"N	77°37'30.956"E	Exempted as per Tree Act
32	32		Coconut	1.10	5.00	13°2'29.733"N	77°37'30.824"E	Exempted as per Tree Act
33	33		Mango	0.75	2.50	13°2'29.864"N	77°37'30.792"E	Exempted as per Tree Act
34	34		Coconut	1.00	6.00	13°2'29.832"N	77°37'30.659"E	Exempted as per Tree Act
35	35		Coconut	0.85	5.50	13°2'29.767"N	77°37'30.725"E	Exempted as per Tree Act
36	36		Nerale	0.75	3.00	13°2'29.703"N	77°37'30.625"E	
37	37		Coconut	1.10	5.00	13°2'29.572"N	77°37'30.656"E	Exempted as per Tree Act
38	38		Jack fruit	0.85	3.00	13°2'29.668"N	77°37'30.823"E	
39	39		Badami	0.85	3.50	13°2'29.504"N	77°37'30.954"E	
40	40		Paper	1.40	4.00	13°2'29.727"N	77°37'31.388"E	
41	41		Hooovu arasi	1.20	2.00	13°2'29.339"N	77°37'31.218"E	
42	42		Honge	0.80	2.00	13°2'29.112"N	77°37'31.182"E	
43	43		Honge	0.60	3.00	13°2'28.885"N	77°37'31.113"E	
44	44		Honge	1.50	2.00	13°2'28.69"N	77°37'31.045"E	
45	45		Honge	0.80	3.00	13°2'27.878"N	77°37'30.937"E	

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46	46		Sweet Hunase	0.80	3.00	13°2'28.956"N	77°37'30.517"E	
		a)	Sweet Hunase	0.70	3.00	13°2'28.956"N	77°37'30.517"E	
		b)	Sweet Hunase	0.60	2.50	13°2'28.988"N	77°37'30.517"E	
		c)	Sweet Hunase	0.75	3.00	13°2'28.988"N	77°37'30.517"E	
47	49		Coconut	0.90	8.00	13°2'27.206"N	77°37'29.902"E	Exempted as per Tree Act
48	50		Teak	1.20	3.00	13°2'27.177"N	77°37'29.503"E	
49	51		Teak	1.30	3.00	13°2'27.212"N	77°37'29.305"E	
50	52		Jeevi	1.00	2.00	13°2'26.501"N	77°37'28.866"E	
51	53		Mango	1.30	2.50	13°2'26.534"N	77°37'28.767"E	Exempted as per Tree Act
52	54		Jeevi	0.70	2.50	13°2'26.502"N	77°37'28.733"E	
53	55		Coconut	0.85	7.50	13°2'26.263"N	77°37'29.892"E	Exempted as per Tree Act
54	56		Spathodia	1.00	3.00	13°2'26.035"N	77°37'29.922"E	
55	57		Arali	0.84	4.00	13°2'24.878"N	77°37'28.484"E	
56	58		Neem	0.97	2.00	13°2'24.446"N	77°37'29.474"E	
57	59		Badami	0.25	2.00	13°2'24.192"N	77°37'28.808"E	
58	60		Dalichand	1.00	5.00	13°2'21.875"N	77°37'26.362"E	
59	61		Arali	0.75	3.00	13°2'21.61"N	77°37'26.89"E	
60	62		Hooovu arasi	1.30	2.50	13°2'21.149"N	77°37'27.416"E	
61	63		Neem	0.85	3.50	13°2'20.887"N	77°37'27.646"E	
62	64		Jack fruit	0.75	3.00	13°2'20.657"N	77°37'27.809"E	
63	65		Honge	0.85	2.50	13°2'20.562"N	77°37'27.576"E	
64	66		Gulmohr	1.85	5.50	13°2'20.201"N	77°37'27.871"E	
65	68		Honge	1.20	3.50	13°2'18.44"N	77°37'28.416"E	
66	69		Honge	0.80	3.50	13°2'18.442"N	77°37'28.217"E	
67	70		Honge	0.80	3.50	13°2'18.411"N	77°37'27.984"E	
68	71		Honge	1.30	4.00	13°2'18.381"N	77°37'27.752"E	
	71a		Honge	0.90	4.00	13°2'18.382"N	77°37'27.719"E	
69	72		Honge	0.80	3.00	13°2'18.383"N	77°37'27.553"E	
70	73		Honge	0.90	3.00	13°2'18.353"N	77°37'27.354"E	
71	74		Mango	0.36	2.50	13°2'18.616"N	77°37'27.058"E	Exempted as per Tree Act
72	75		Mango	0.52	2.50	13°2'18.649"N	77°37'26.992"E	Exempted as per Tree Act
73	76		Mango	0.43	2.50	13°2'18.552"N	77°37'26.958"E	Exempted as per Tree Act
74	77		Mango	0.47	2.50	13°2'18.552"N	77°37'26.958"E	Exempted as per Tree Act
75	78		Jamun	0.87	2.50	13°2'18.551"N	77°37'27.024"E	
	78a		Jamun	0.75	2.50	13°2'18.584"N	77°37'27.024"E	
76	79		Melia Dubia	0.70	3.50	13°2'19.136"N	77°37'27.063"E	Exempted as per Tree Act
77	80		Rain Tree	1.20	2.50	13°2'19.067"N	77°37'27.494"E	
	80a		Rain Tree	1.30	2.00	13°2'19.067"N	77°37'27.494"E	
78	81		Honge	1.30	2.00	13°2'18.292"N	77°37'26.922"E	
	Total		78					

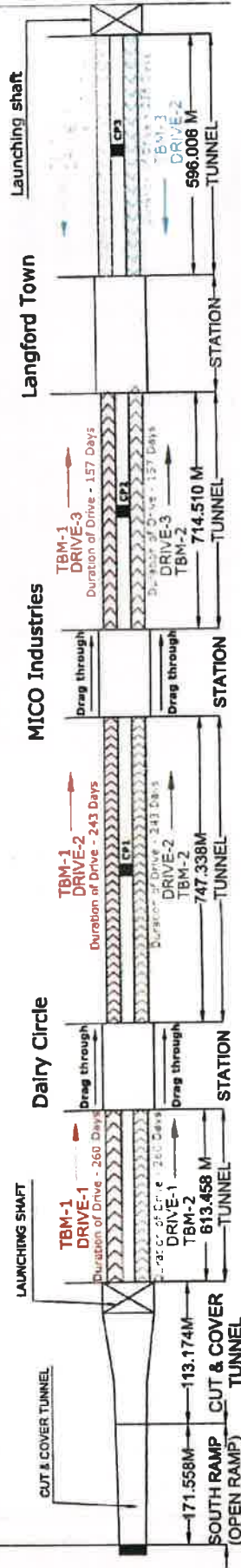
Enumeration of Trees
Total Nos of Trees standing in the Work areas - 81 Nos
Total Nos of Trees exempted as per tree act from permission- 35 Nos
Total Nos of Trees proposed to be retained 3 Nos
Total Nos of Trees proposed to be removed - 78 Nos

Handwritten signature and date: 7/16/2019

E - 782187.166
N - 1481049.90

SOUTH RAMP TO VELLARA ROAD
CH:7521.162 TO 11176.615

R6 ELEVATED **RT01**
(R6- CC-02-RT-01)



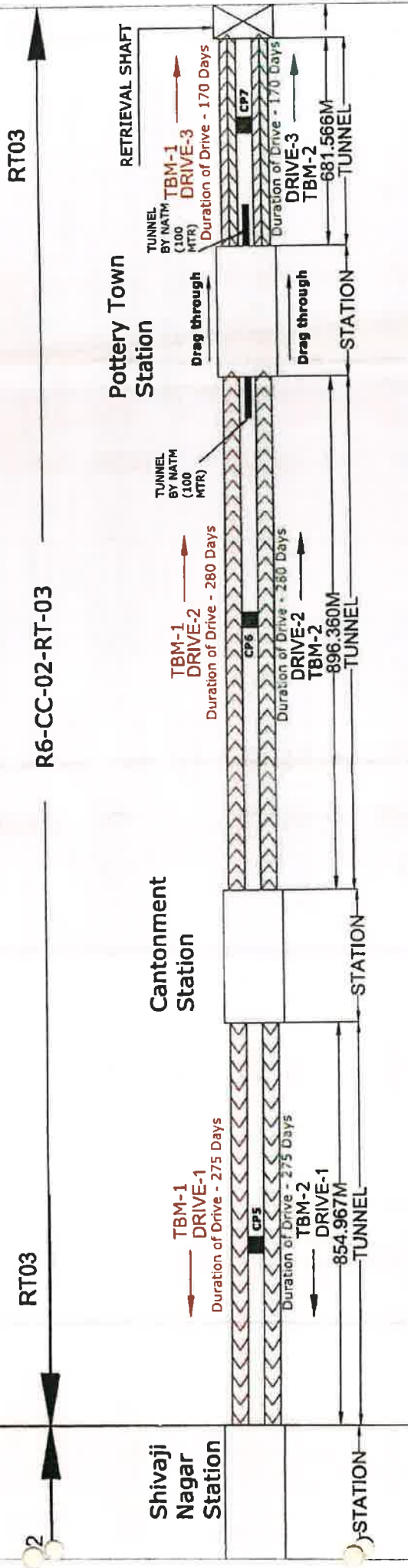
STARTING

hydraulic
jack

CH:11176.615 TO 13938.328



SHIVAJI NAGAR NORTH TO TANNERY ROAD SOUTH
CH:13938.328 TO 16822.521

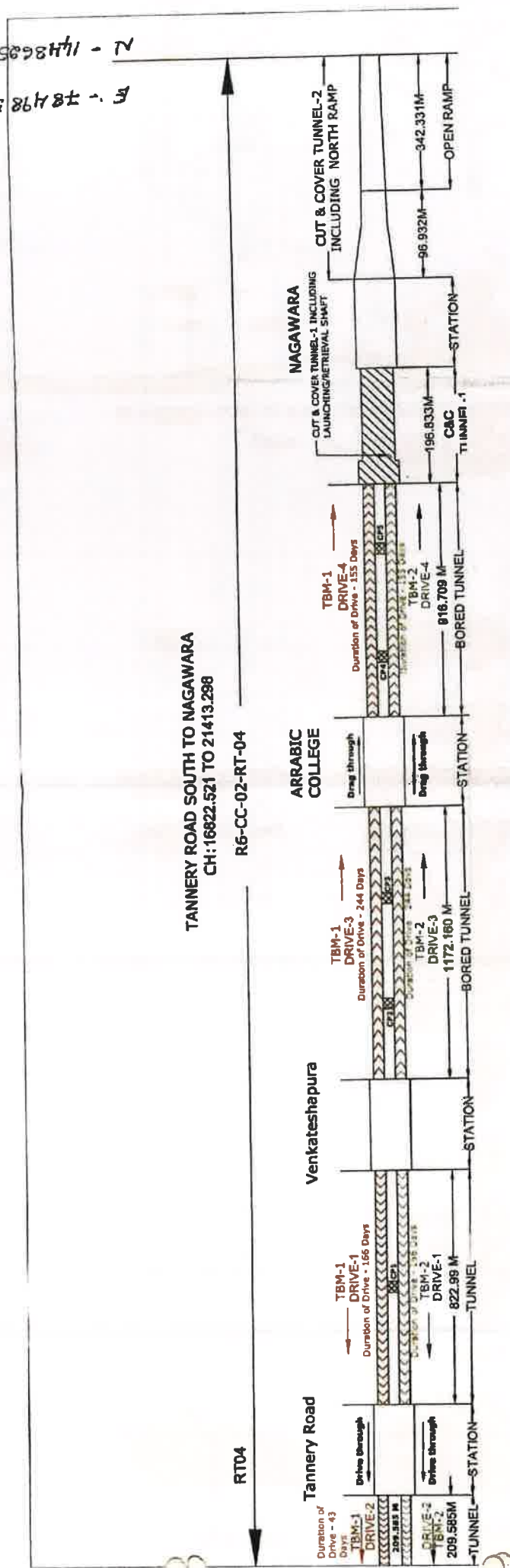


for drive 1/2/3

05. 5098471 - N
81.5 8648 ± - S

ENDING

type / prov





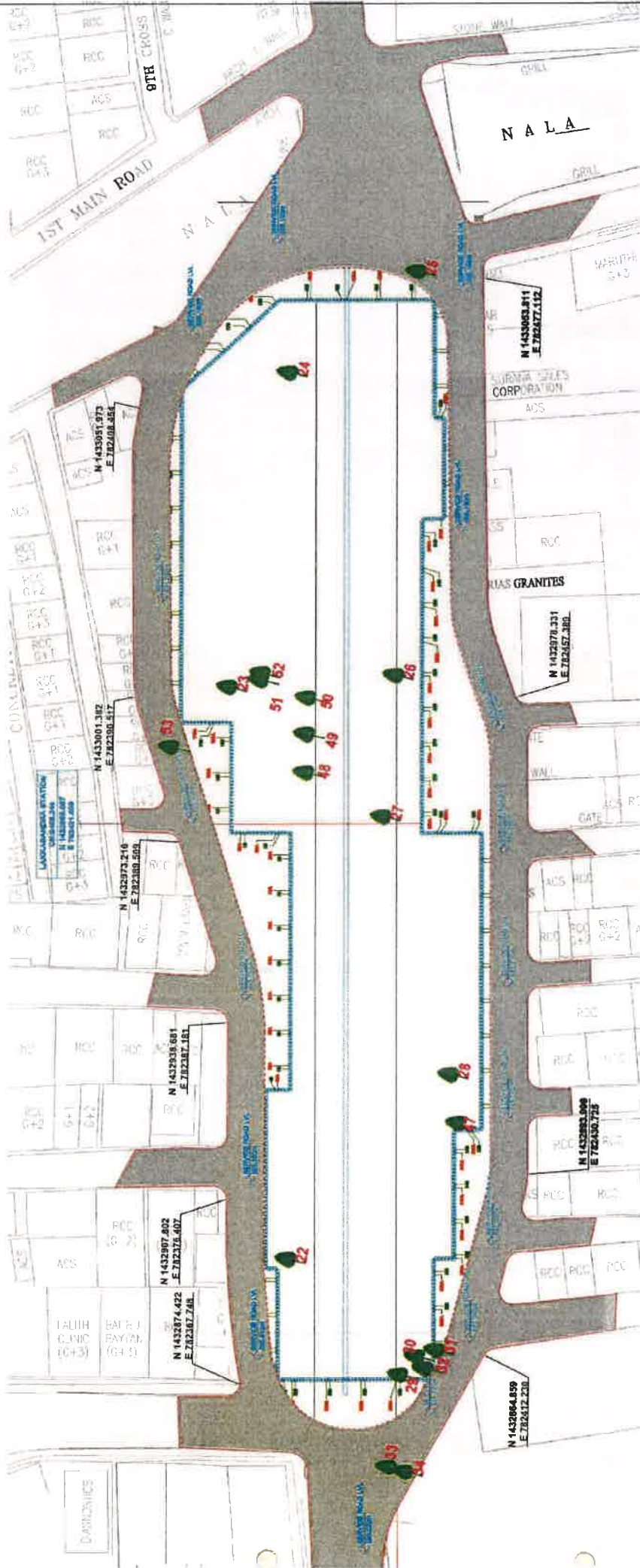
Trees retained

Total No of trees proposed to be removed - 4 Nos

← SWAGATH ROAD ELEVATED STATION

LAKKASANDRA METRO STATION

NAGAWARA →



Total No of trees standing in the project area - 20 Nos
 Total No of trees exempted from permission - 8 Nos
 Total No of trees proposed to be removed - 20 Nos

LEGEND:-



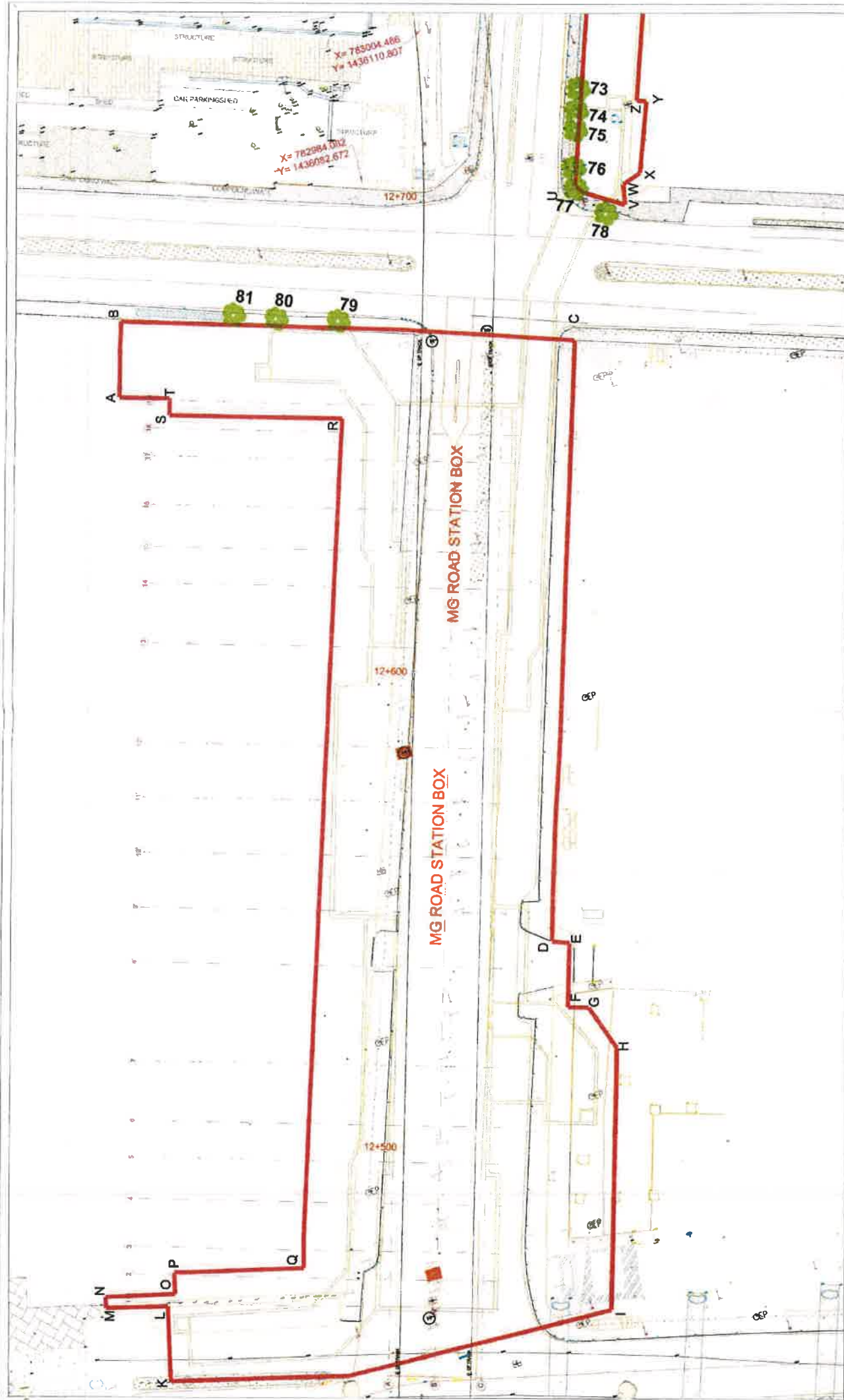
BANGALORE METRO RAIL CORPORATION LTD 3RD FLOOR, BMTC COMPLEX, K.A. ROAD, BHATTENAGAR, BANGALORE - 560077	
DRAWING TITLE:	LAKKASANDRA METRO STATION
Drawing No.:	Rev.
CAD File Name:	A



Total No of trees standing in the project area - 33 Nos
Total No of trees exempted from permission - 12 Nos
Total No of trees proposed to be removed - 33 Nos

LEGEND:-

Trees to be removed

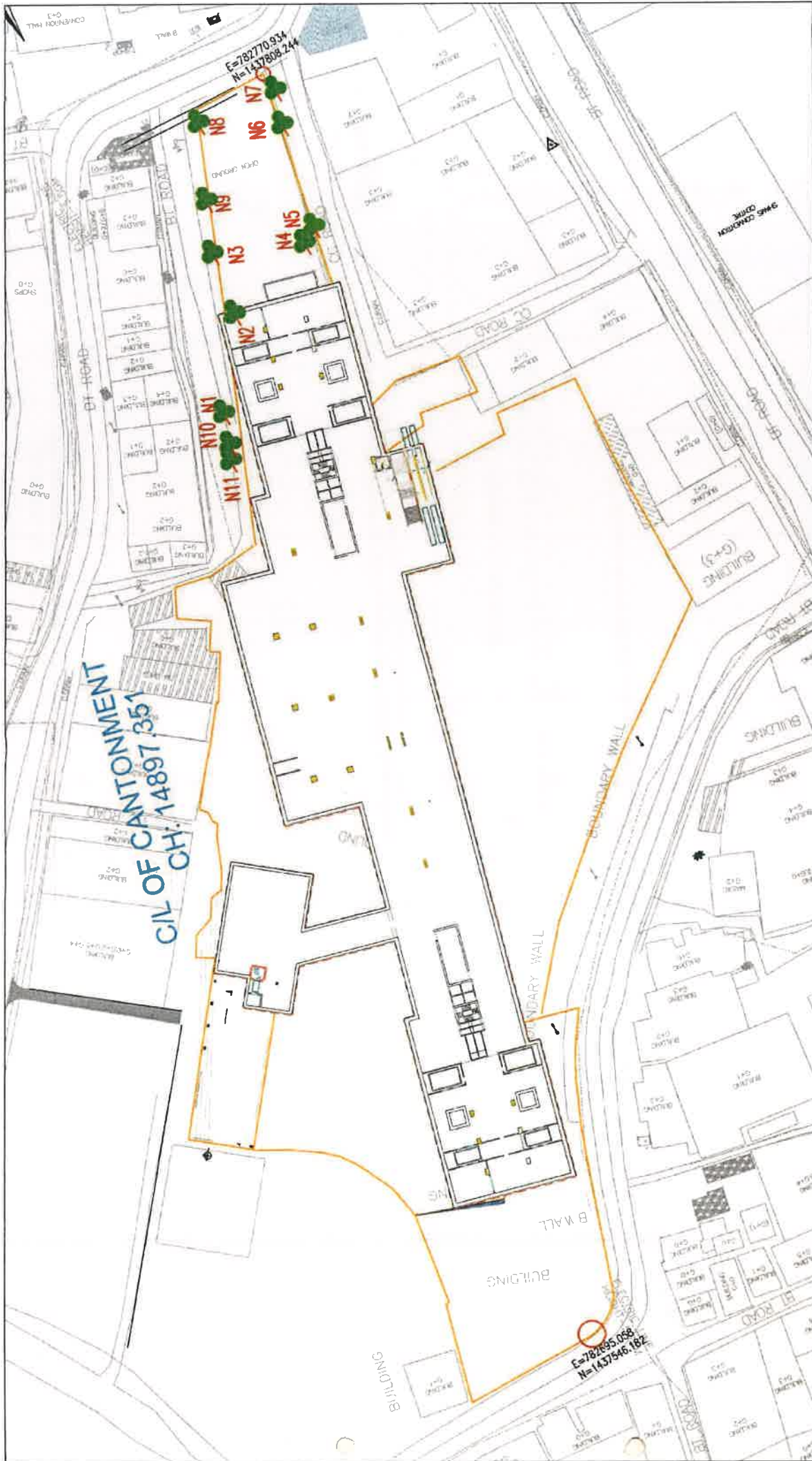


BANGALORE METRO RAIL CORPORATION LTD

PHASE I - P6 FIG
M C ROAD STATION

DRAWING TITLE: STATIONING & LEVEL DATUMS

ISSUE:	DATE:
DWG NO:	DY CE:
DRN:	CHKD:
DESIGNED:	



BANGALORE METRO RAIL PROJECT

DARY CIRCLE TO NAGAWARA

BANGALORE METRO RAIL CORPORATION LTD.

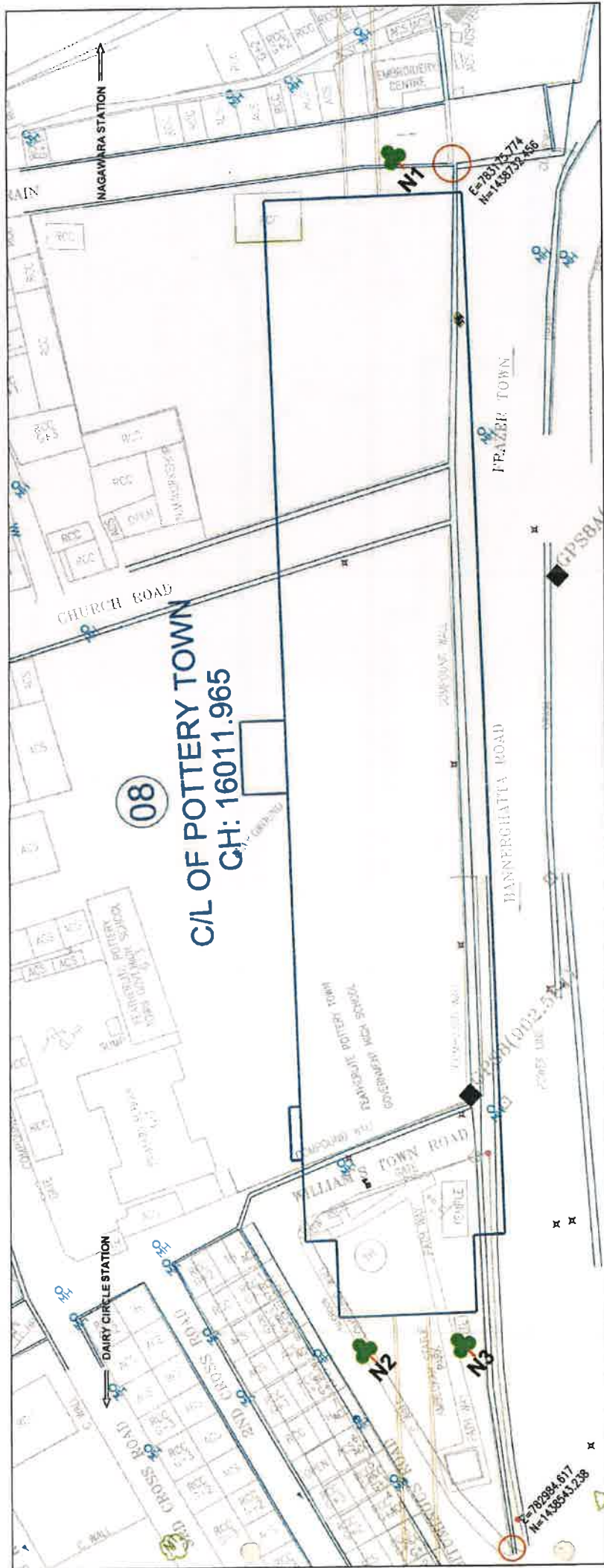
DRAWING TITLE : Trees to be cleared from Cantonment Metro Station Area for TBM shaft Construction and Entry Structure on North Side

LEGEND :

TREES TO BE CLEARED



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BANGALORE METRO RAIL PROJECT

DAIRY CIRCLE TO NAGAWARA

BANGALORE METRO RAIL CORPORATION LTD.

DRAWING TITLE : Trees to be cleared from Pottery Town Station Area for NATM Work

LEGEND:

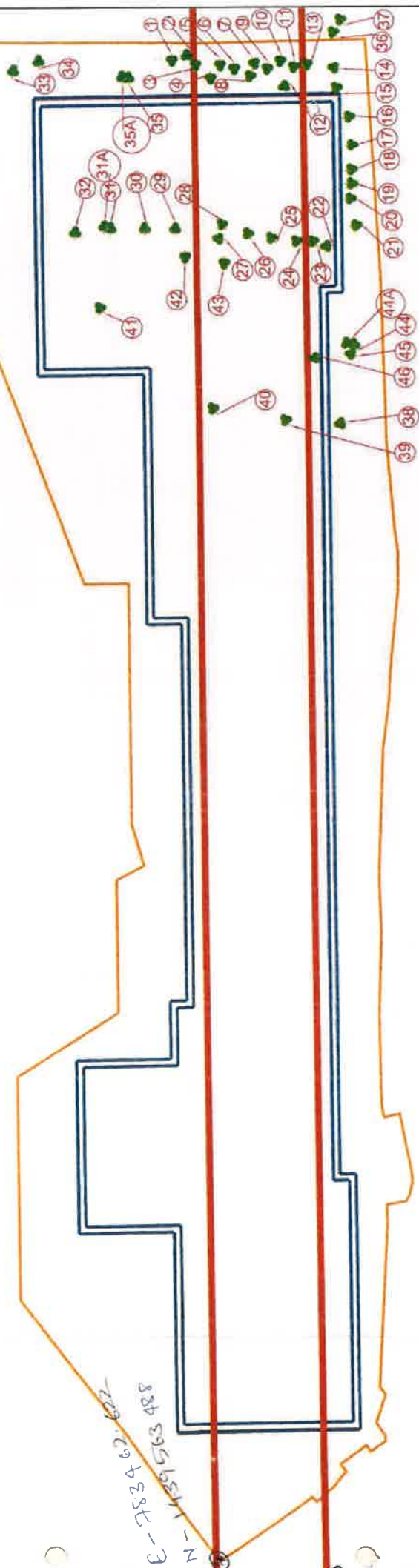
TREES TO BE CLEARED

for drawing

TANNERY ROAD STATION

E-783569.933
N-1439755.203

E-783462.622
N-1439755.203



LEGEND:



FELLING TREES

NON-FELLING TREES

TOTAL TREE - 48 Nos.

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VENKATESHPURA STATION

E-783911-925
N-1440459-538

①

E-783988-617
N-1440679-048

④

③

②

④

⑥

E-783964-201
N-1440436-048

⑤

LEGEND:

FELLING TREES

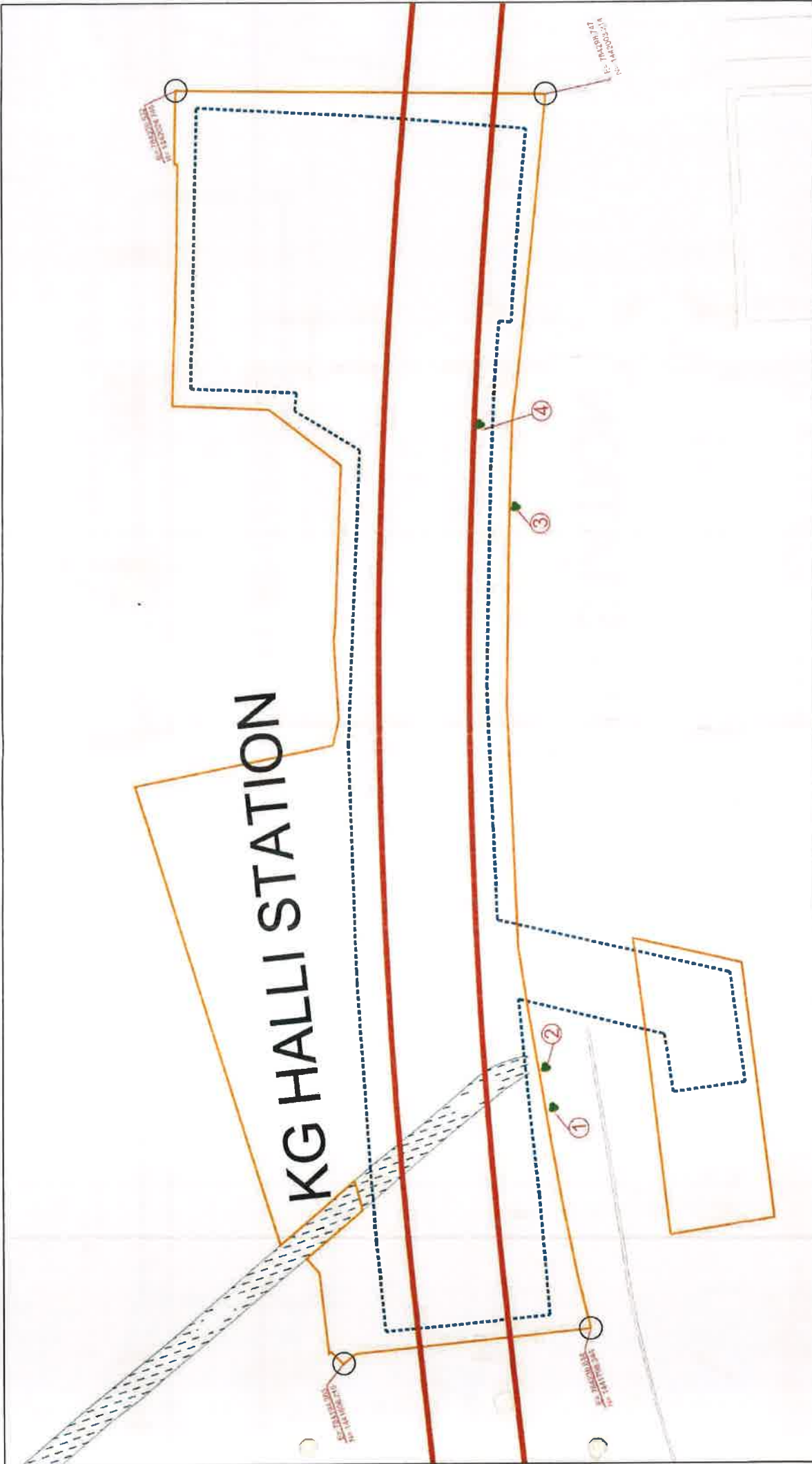


NON-FELLING TREES



TOTAL TREE - 06 Nos.

4/10/2018

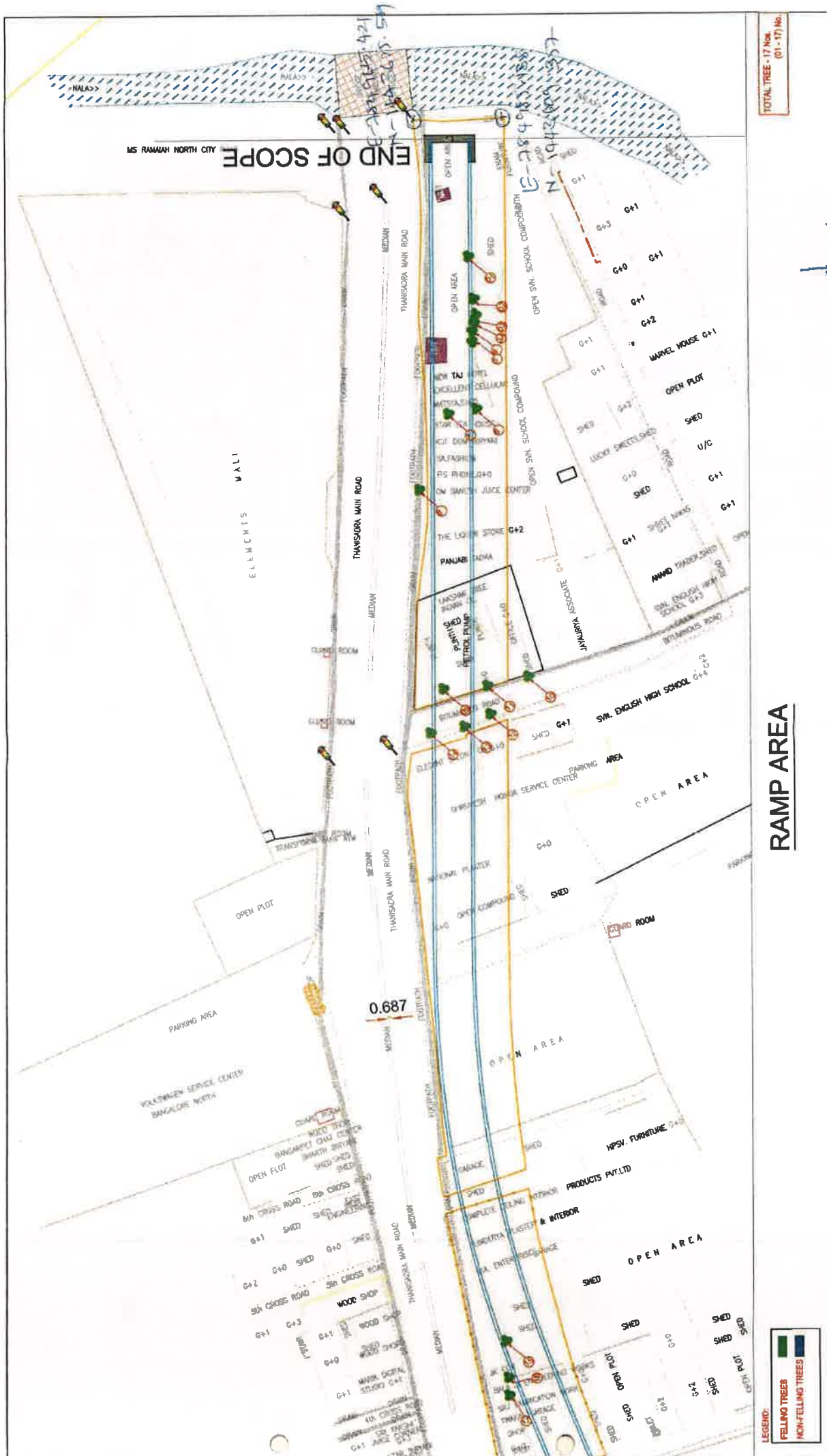


LEGEND:

- FELLING TREES
- NON-FELLING TREES

TOTAL TREE - 04 Nos.

Handwritten signature



hadi gadi

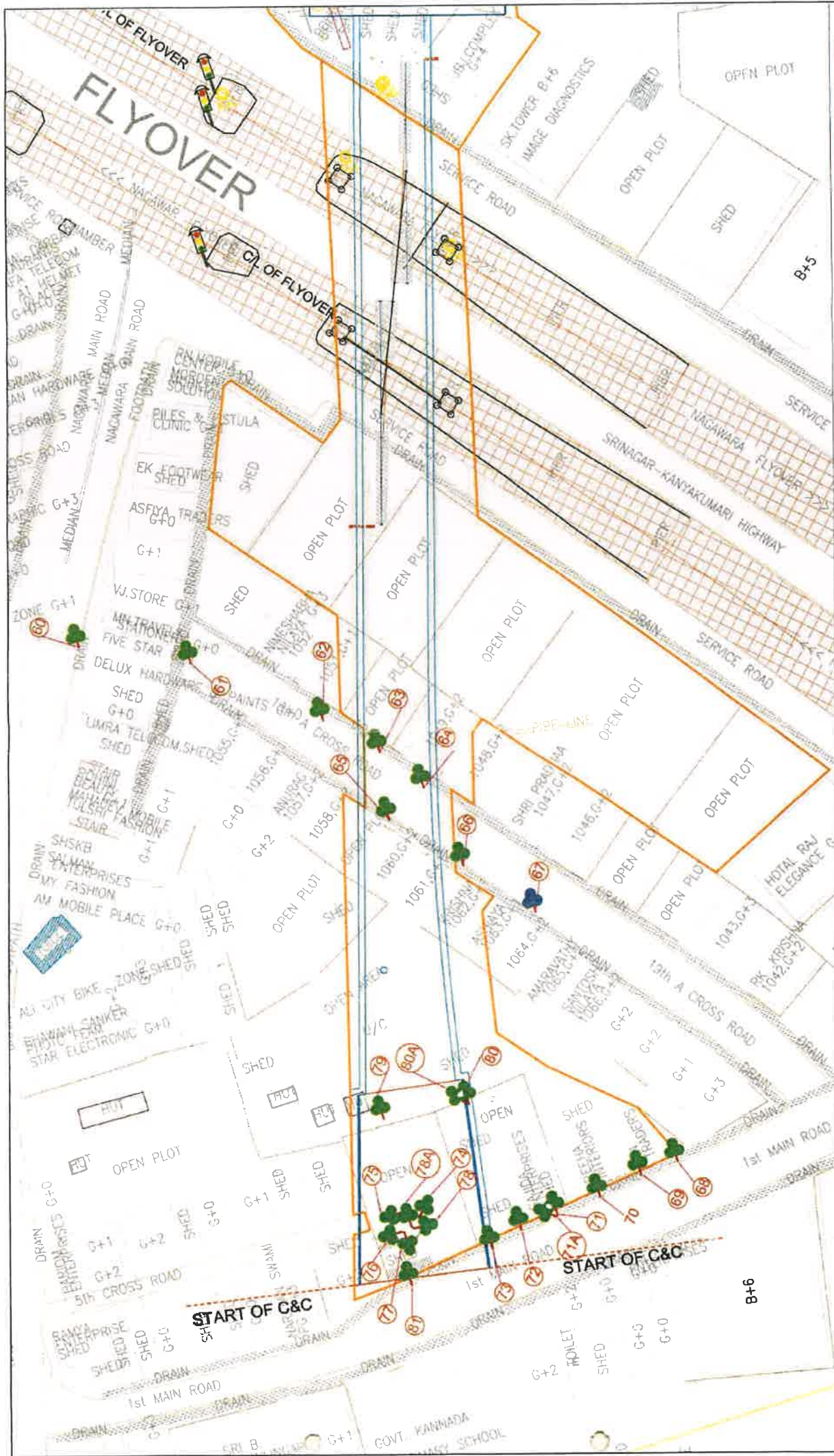
NAGAWARA STATION

E-784697-217
N-1443234-069

TOTAL TREE - 42 Nos. (18 - 59) No.

Handwritten:

FELLING TREES	NON-FELLING TREES
	



CUT & COVER - 1

TOTAL TREE - 22 Nos. (80 - 81) Nos.

LEGEND:
 FELLING TREES
 NON-FELLING TREES

10/1/2017

