BRUHAT BENGALURU MAHANAGARA PALIKE

No: DCF/PR.1793 /2022-23

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

Date: 25.01.2023

OFFICIAL MEMORANDUM

Sub: Permission regarding Translocation and Removal of trees which are standing at the Project Area at Soundarya Park, Amarjyothi Layout, Ward No. 18, RMV 2nd Stage, Bengaluru for the Project of "Widening of Storm Water Drain" Bengaluru – reg

Ref: a. **ಕಾ.ಪಾ.ಅ/ಬೃ.ನೀ.ಗಾ/ಪೂರ್ವ/ಪಿ.ಆರ್/393/2022-2023 dtd 30.08.2022**
b. Member Secretary, TEC Letter No. ACF/PR 77/2022-23 dtd 23.01.2023 along with Report and Proceedings of Tree Expert Committee

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Preamble:

The Executive Engineer, Storm Water Drain, East Zone, BBMP (EE, SWD, BBMP) vide their letter cited under reference (a) above, has sought permission for clearance of 73 number of trees which are standing at the Project area at Soundarya Park, Amarjyothi Layout, Ward No. 18, RMV 2nd Stage, Bengaluru.

As such Public Notice dated 16.09.2022 was issued by the Tree Officer & DCF, BBMP as per Section 8 (3) of the Karnataka Preservation of Trees Act 1976 (as amended in 2015) with the intention to invite objections/remarks from public.

In response to the public notice, 07 objections/suggestions have been received from the public within the stipulated dates. The Tree Officer has reported that the objection is with regard to felling of trees and one of the objectors has mentioned that the trees actually prevent chances of flooding and trees themselves form a catchment area for rainwater. Some of the objectors have brought out certain points such as the existing drain is fully built up, it is already quite wide/deep, there are encroachments on the drain and therefore all the encroachments have to be removed before touching the trees. Further they have stated that the SWD has lot of debris and silt in it, hence the SWD needs to be dredged and the canal deepened so as to allow the intended water to flow without any hindrance. Few have objected that in the application and public notice, the proposed location of trees has been mentioned as next to the Radhakrishna Temple, which is

misleading since the exact location of trees is at Soundarya Park. One objector has also questioned about the dense development which has taken place along both sides of upstream and downstream and has further enquired as to how these bottlenecks will be dealt and why the sewage inflow from the adjoining houses has not been addressed. Lastly some have stated that several developmental projects are being planned but tree cutting is never taken into consideration at the time of planning and drafting the DPR and the same is also not shared in the DPR. Regarding the technical matters of the objections, the matter was communicated to the SWD authorities. In response to the above objections, it has been clarified by the EE, SWD that the existing drain does not have the capacity to take internal flow during heavy rains, hence the drain has to be widened and therefore there is no other alternative solution to avoid cutting of trees which are standing close to the drain. Further it has been stated that the proposed project location is at Soundarya Park, RMV 2nd Stage, Amarjyothi Layout, Radhakrishna Temple Ward No. 18, Bengaluru. The SWD authorities have informed that there are no illegal encroachments on the drain and all the built-up properties are existing adjacent to the drain. The existing drain has already been de-silted before the monsoons and pouring of heavy rains. They have stressed that the drain cannot be deepened further since the drain towards the upstream and downstream has already been remodelled and the balance portion is situated at the centre (intermediate stretch). Hence once the narrow water passage is remodelled, there will be no more flooding since the downstream is already having sufficient width to carry the heavy discharge. Consequently the flood situation at downstream will not arise. The SWD Department authorities have reported that BWSSB Officers have been advised to remove all the sanitary lines from the drain so as to facilitate the implementation of the Project. The Detailed Project Report has been prepared by the Expert Empanelled Consultants.

Further the Tree Officer remarked that the first priority of the Forest authorities will be to save and retain more number of trees at the spot and in case that is not possible, the next option would be translocation of such trees which fulfill the desired criteria and felling of the trees has to be last resort. The Compensatory Afforestation would involve planting of saplings duly following the norms of 10 saplings to be planted in lieu of each tree translocated/felled (i.e., in the ratio 1:10).

In this context, the Field Forest Officers conducted the spot inspection on 23.09.2022, the ACF/DCF visited the area on 13.10.2022, and then the TEC visited the areas and conducted field Inspection on 06.12.2022, duly examining all the trees besides having discussions with the Project Engineers.

The Field Inspection Report was tabled during the TEC meeting held on 19.12.2022 and detailed discussions were held.

i. The primary objective of the TEC was to retain-on-site as many trees as possible.

ii. In case the trees are falling within the project activity area and their removal becomes inevitable, the next option for TEC was for translocation of trees depending upon its general condition and its location so that the extraction of root ball of adequate size becomes feasible.

iii. The felling of trees has to be the last resort and that has to be done very judiciously in a prudent manner.

Based on the records/documents produced by SWD, BBMP followed by thorough scrutiny of the same and detailed discussions of the field inspection reports which were prepared after examination of each and every tree, the following order is issued.

ORDER

Under the circumstances explained above and in exercise of the powers vested with the undersigned as per Section 8 (3) of Karnataka Preservation of Trees Act, 1976 and based on the guidelines and decisions taken as per the Field Inspection Report and Proceedings of the Meeting dated 19.12.2022 of the TEC for retention-on-site, translocation, and removal of trees which fall in SWD, BBMP Project Area at Soundarya Park, Amarjyothi Layout, Ward No. 18, RMV 2nd Stage, Bengaluru, the below mentioned schedule is approved subject to the conditions mentioned thereon. This Order will come into effect after ten (15) days from the date of uploading of the order on the Official website of BBMP and for that purpose separate directions will be issued from this Office.

SCHEDULE

1. The thirty (30) trees which are listed in Annexure A appended to this Official Memorandum have to be retained-on-site. Hence, permission is declined to remove the said 30 trees and they should continue to stand at their present locations.
2. Based on the considerations as stated above and also detailed in the Report, the one (01) tree which is listed with justification, enclosed to this Official Memorandum as Annexure B has to be translocated. Hence permission is accorded to translocate the said 01 tree to suitable place as mentioned below in the 'Conditions'.
3. The remaining Forty Two (42) trees only which are listed with justification, enclosed to this Official Memorandum as Annexure C can be removed. Hence permission is accorded for removal of these said 42 trees only as per the felling of trees norms adopted by Karnataka Forest Department (KFD).

Conditions

1. No damage should be caused to the trees which are retained on the spot, while carrying out the civil works or any project related works.
2. The trees which are retained-on-site have to be properly protected and maintained. Accordingly SWD, BBMP should give an assurance in this respect.
3. The translocation of trees should be done at suitable vacant space at Soundarya Park premises, Amarjyothi Layout, Ward No. 18, RMV 2nd Stage, Bengaluru in collaboration with the DCF, BBMP.
4. The Persons/Agencies who are entrusted with translocation works should have sufficient knowledge and experience in such works.
5. The work of translocation of trees has to be executed under close supervision of Officials/Officers of Forest Wing of BBMP and according to the formulated guidelines of UAS, Bengaluru.
6. The trees so translocated have to be properly maintained and taken care of, for a minimum period of three years.
7. The entire process of translocation of trees has to be properly documented and records compiled in a systematic manner.
8. In lieu of the trees translocated and felled, 10 healthy and heighted saplings have to be planted in lieu of each tree either translocated or felled. The saplings have to be planted as per forestry practices and maintained for a minimum period of three years. Photographs and proper documentation has to be there for saplings/seedlings planted.
9. Regular monitoring must be done to ensure the conducive growth of translocated trees and planted saplings/seedlings.

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

Copy to:

1. The Executive Engineer, Storm Water Drain Department, East Zone, Bengaluru
2. The Chairman, Tree Authority and Chief Conservator of Forests, Bangalore Circle, Bangalore for kind information
3. The Member Secretary – Tree Expect Committee, and the Assistant Conservator of Forests, BBMP for information and further action.
4. The Assistant Conservator of Forests, BBMP for information and further action
5. The Range Forest Officer/Deputy Range Forest Officers for information and further action
6. Office Copy

Annexure-A

Retention of Trees

Project: Widening of Storm Water Drain at Soundarya Park, Amarjyothi Layout, Ward No.18, RMV 2nd Stage, Bengaluru

S. No.	Tree No.	Species Name	Girth (Mtr)	Height (Mtr)	Remarks
1.	1	Basavanapaada	1.00	2.00	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
2.	6	Rain tree	3.90	2.00	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
3.	8	Subabul	2.70	5.00	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
4.	15	Rain tree	2.20	3.50	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
5.	16	Rain tree	3.20	2.00	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
6.	18	Silver oak	1.70	4.00	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
7.	19 19A	Subabul	2.00 2.00	4.00 2.50	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
8.	21	Gulmohar	1.40	2.00	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
9.	23	Dalichandra	0.60	3.00	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
10.	26	Spethodia	0.90	4.00	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
11.	36	Peltophorum	1.00	4.00	The tree is standing abutting the proposal area (of 2m width) and will not intervene the

					construction process, hence recommended for retention.
12.	37	Ashoka	0.50	2.00	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
13.	39	Ashoka	0.60	3.50	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
14.	40	Ashoka	0.74	2.00	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
15.	41	Ashoka	0.70	4.00	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
16.	42	Ashoka	0.55	4.00	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
17.	43	Gobbaradamara	0.60	3.00	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
18.	45	Subabul	0.62	3.00	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
19.	46	Subabul	2.00	3.00	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
20.	48	Gobbaradamara	1.30	3.00	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
21.	49	Ashoka	0.45	3.00	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
22.	56	Spethodia	1.15	5.50	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
23.	61	Honge	0.97	2.50	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
24.	62	Honge	0.91	3.00	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.

25.	64	Honge	0.87	3.00	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
26.	67	Thorematti	1.70	5.00	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
27.	68	Kadamba	0.70	3.00	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
28.	70	Honge	1.04	3.50	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
29.	71	Honge	1.20	3.00	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
30.	72	Honge	1.40	3.00	The tree is standing abutting the proposal area (of 2m width) and will not intervene the construction process, hence recommended for retention.
Total trees for Retention = 30 Nos.					

Tree Officer &
Deputy Conservator of Forests
BBMP, Bangalore.

Annexure-B

Transplantation of Trees

Project: Widening of Storm Water Drain at Soundarya Park, Amarjyothi Layout, Ward No.18, RMV 2nd Stage, Bengaluru

S. No.	Tree No.	Species Name	Girth (Mtr)	Height (Mtr)	Remarks
1.	60	Dalichandra	0.63	3.00	The tree is matured, standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is with minimal space (as tree protection zone), and hence recommended for transplantation.
Total trees for Translocation = 01 No.					

Tree Officer &
Deputy Conservator of Forests
BBMP, Bangalore.

Annexure-C

Felling of Trees

Project: Widening of Storm Water Drain at Soundarya Park, Amarjyothi Layout, Ward No.18, RMV 2nd Stage, Bengaluru

S. No.	Tree No.	Species Name	Girth (Mtr)	Height (Mtr)	Remarks
1.	2	Rain tree	1.10	3.00	The tree is matured, standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
2.	3	Ashoka	0.65	3.00	The tree is standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
3.	4	Ashoka	0.75	3.00	The tree is standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
4.	5	Ashoka	0.65	3.00	The tree is standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
5.	7	Ashoka	0.31	1.50	The tree is standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
6.	9	Ashoka	0.75	3.00	The tree is standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
7.	10	Ashoka	0.40	2.00	The tree is standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
8.	11	Subabul	1.50	3.50	The tree is matured, standing within the project proposal area, with no space around collar region

					(locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
9.	12	Ashoka	0.40	3.00	The tree is standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
10.	13	Ashoka	0.40	2.00	The tree is standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
11.	14	Dalichandra	0.60	3.00	The tree is standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
12.	17	Spethodia	1.45	4.00	The tree is matured, standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limiting transplantation. The tree is recommended for felling.
13.	20 20A	Ashoka	0.50 0.67	3.00 3.00	The tree is forked, standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
14.	22	Mahagony	0.50	3.00	The tree is standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
15.	24	Subabul	0.80	4.00	The tree is standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
16.	25	Spethodia	0.90	3.00	The tree is matured, standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
17.	27	Naayi nerale	0.80	3.00	The tree is standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park)

					close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
18.	28	Spethodia	0.60	3.00	The tree is standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
19.	29	Hunase	0.60	3.00	The tree is dried, standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
20.	30	Spethodia	1.00	3.00	The tree is matured, standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
21.	31	Spethodia	1.90	4.00	The tree is matured, standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
22.	32	Ashoka	0.50	3.00	The tree is standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
23.	33	Spethodia	0.55	3.00	The tree is matured, standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is with basal decay symptoms and recommended for felling.
24.	34	Spethodia	1.60	3.00	The tree is dried, with only snag and recommended for felling.
25.	35	Gulmohar	1.25	3.00	The tree is matured, standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is basal decay symptoms and recommended for felling.
26.	38 38A	Ashoka	0.50 0.64	4.00 2.00	The tree is forked (with weak branch union), standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.

27.	44	Subabul	1.75	4.00	The tree is matured, standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
28.	47	Ashoka	0.65	3.00	The tree is standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
29.	50	Honge	0.62	3.50	The tree is standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
30.	51	Paper mulberry	1.50	3.00	The tree is matured, standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
31.	52	Paper mulberry	0.40	2.50	The tree is standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
32.	53	Honge	0.37	2.50	The tree is standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
33.	54	Paper mulberry	1.50	3.00	The tree is matured, standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
34.	55	Paper mulberry	0.45	3.00	The tree is standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
35.	57	Kadamba	1.40	5.00	The tree is matured, standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.

36.	58	kadamba	1.75	5.00	The tree is matured, standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
37.	59	kadamba	1.50	5.00	The tree is matured, standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
38.	63	Nerale	1.10	3.00	The tree is matured, standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
39.	65	Dalichandra	1.45	2.00	The tree is matured, standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
40.	66	Dalichandra	0.52	3.00	The tree is standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
41.	69	Paper mulberry	2.20	4.00	The tree is matured, standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree is recommended for felling.
42.	73	Dalichandra	0.77	3.00	The tree is standing within the project proposal area, with no space around collar region (locked between the footpath and boundary wall of park) close to SWD RCC wall, thereby limits transplantation. The tree base / collar region is with decay symptoms and hence recommended for felling.
Total trees for Felling = 42 Nos.					

Tree Officer &
Deputy Conservator of Forests,
BBMP, Bangalore.