

# Lincoln Road Orchid Garden Proposal

The purpose of this proposal is to evolve the green spaces along Lincoln Road by installing thousands of orchids on the trees between Meridian and Jefferson Avenues. Through The Million Orchid Project and National Orchid Garden, Fairchild has been transforming landscapes in Miami and illustrating the great potential of private business and botanic garden partnerships to enhance public spaces. As experts in the field we have knowledge to access the best sources of planting materials and experienced persons to see to the establishment of the plants. This proposal gives a brief overview of our recommendations.

## Recommendations:

### A. Establish Irrigation System

1. **Irrigation inspection** should include inspection of sprinkler heads, timer mechanisms at each zone. In addition, the system should be inspected visually for hot spots and line breaks.
2. **Repairs** for items such as head replacement, broken lines, pumps or timers will be need to be performed before plant procurements and installations, and with coordination of the client, City of Miami Beach, Fairchild Garden staff, ect.
3. **Long term maintenance agreement** to ensure proper performance of irrigation systems.

### B. Procurement of Orchids and Installations

1. **Orchids will be selected by Fairchild Orchid Biologist** from varieties best suited to the seasonal and environmental conditions, and their aesthetic appeal.
2. **Plants will be sourced at wholesale or below retail prices** from international and domestic commercial orchid suppliers.
3. **Orchids will be permanently attached** on each palm and hardwood tree of suitable size and with an irrigation line established (approx. 60 trees total and 500-1000 orchids). Orchids will be installed out of the reach of the public using wire framing and plastic zip ties.

### C. Long-term Maintenance Needs

1. **Fertilizing is required** as recommend by the orchid biologist to maintain healthy plants and prolong flowering.
2. **Monthly service is recommended** to prune, remove flowers that are fading or dead” to prolong blooming time and to improve the general health and appearance of the plants.
3. **Periodic Heath Checks** as recommend by the orchid biologist to diagnose any sign of insect pests and/or plant diseases.

**Project Costs: Orchids including installation = \$10,000.00**

**Recommended Orchid Types by host tree:**

**Harwood trees (Whites, Purples, Pinks, and reds)**



Dendrobium/Cattleya types (Medium Light)



Ascocenda Vanda Types (Medium light)



Phaleanopsis types (low light)



Dendrobium-Phal Types (Medium Light)



## Palms Trees (Yellows and Oranges)



Semi-terete Vanda types (Hi light)



Ascocenda Vanda types (Medium Light)



Oncidium Types (Medium light)



Dendrobium aggregatum (High Light)



Sample Palm Plot (yellow and orange themes)





Sample Hardwood tree pallet (purples, whites, and reds)

