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October 26, 2023

Village of Orland Park
14700 Ravinia Avenue
Orland Park, Illinois 60462

Attn: Mike Mazza, ASLA - Operations Manager – Natural Resources and Facilities
Re: 2024 Parkway, Park, and Facility Tree Assessment

Dear Mike:

Thank you for this opportunity to provide a proposal for a comprehensive tree inventory update for the managed trees on Village-owned park & facility properties, as well as all the ROW trees. Maintaining the inventory at its highest level of accuracy is the best way to maintain your initial investment in tree data, and continue using it to your advantage for planning and outreach purposes.

Great Lakes Urban Forestry Management (Great Lakes UFM) conducted a full GIS-based inventory of all managed trees on Village-owned park & facility properties in 2021 and a comprehensive ROW tree inventory was completed in 2022. Over the course of the 2-3 years since, additional trees have been planted or removed and tree conditions can change due to storm damage, insect damage, temperature extremes, or failed new plantings. Trees have also grown since the original inventory as well, which could lead to inaccuracies in pricing contract pruning or tree removals. We are proposing that basic reassessments and remeasuring of trees be performed in a cyclical fashion so that the tree data stays current.

Great Lakes UFM is pleased to continue to serve the Village as your Consulting Arborist, Natural Resource Consultant, and GIS Consultant. We look forward to assisting Orland Park with any other Arboricultural, Natural Resource, or GIS needs that may arise.

Regards-

Leslie Delles
Certified Arborist IL-9199AM TRAQ
Municipal Consultant / GIS Technician
Great Lakes Urban Forestry Management



PROJECT UNDERSTANDING AND APPROACH

The Village of Orland Park is seeking to update and maintain its comprehensive inventory of approximately 33,500 managed trees found on Village ROWs and Village-owned park & facility properties. All trees were initially measured and assessed during the original inventory conducted in 2021 and 2022, and we are now proposing that we perform a comprehensive update on all trees to keep this data current, including remeasuring and reevaluating condition, defects, and maintenance recommendation. We will also add any newly planted trees into the inventory, as well as remove trees which have been removed.

The goal of this program will be to get an updated assessment of each tree, and be able to build a pruning and removal set for all trees located on these properties. The new measurements will identify specific trees to be pruned and removed, and enable bidding of that pruning and removal work to be as accurate as possible and avoid any costly guesswork. It will also identify any potentially high risk trees, so that they might be assessed formally and have mitigation options presented.

We will also provide an updated tree inventory report, so that all of the data in the updated inventory can be summarized succinctly and work performed efficiently.

SCOPE OF WORK

We will re-visit each tree and update all data fields consistent with the original data collection parameters.

These include:

- GIS/GPS location (along with State-Plane coordinates)
- Park or Facility Name (for park properties and Village facilities only)
- Address
- Street
- Site Designation
- Species (both botanic and common names)
- Size (DBH in caliper inches, height and canopy spread in feet)
- Condition (1-5)
- Arborist Recommendation
- Recommendation Reasons (up to 2)
- Land Use
- Parkway Size/ Soil Volume
- Risk Rating
- Any relevant comments pertinent to the tree

Any trees that have been planted since 2021-2022 that are not found to be in the data set will be added as new trees. Any trees that have been removed but still remain in the database will be recorded as “Removed” and indicated as such in the active tree inventory. The above data fields will be updated on the Village’s ArcGIS Online webmap so that the data will be updated immediately on the database. An updated geodatabase file for the GIS will be provided as a deliverable as well.

PROJECT DELIVERABLES

The following items will be prepared and delivered for the project:

- Full update of all managed Village-owned parkways, parks, & facilities trees
- ESRI geodatabase for integration into the Village’s existing GIS
- Updated Tree Inventory Report including:
 - A statistical breakdown of the tree population, complete with charts and statistics
 - Tree diversity breakdown, detailing the species, genus, and family diversity
 - Recommended plantings, with species that are underrepresented in the current population
 - Narratives of observations made regarding the tree population

PROJECTED FEE SCHEDULE

TASK/ITEM		REQUESTED	TOTAL COST
Update Parkways, Parks & Facilities Trees	Approx 33,500 trees	<input type="checkbox"/> Yes <input type="checkbox"/> No	\$93,800
Add Newly Planted Trees	\$3.70/Tree @ 1,100 (estimated)	<input type="checkbox"/> Yes <input type="checkbox"/> No	\$4,070
TOTAL (ALL)			\$97,870

*Progress billing will take place on a monthly basis in order to invoice any of the above items that have been completed.

*For the newly planted trees, this is a unit-cost contract. Great Lakes Urban Forestry Management will only charge for the ACTUAL number of features if less than projected, and receive verbal confirmation from the Village of Orland Park prior to updating additional features above and beyond the scope outlined in this contract.

GRAF TREE CARE, INC. (DBA GREAT LAKES URBAN FORESTRY MANAGEMENT) will consider your signing and returning one (1) original of this Agreement as our authorization to proceed. This offer to provide services will remain valid for a period of 30 days from the date of preparation as indicated below, after which time if it has not been accepted it will be subject to change. Thank you again for the opportunity to submit our proposal.

Best regards,



Phil Graf, ISA Certified Arborist #IL 1553-AM

IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement as of the day and year below written.

CLIENT:

VILLAGE OF ORLAND PARK

BY: _____

TITLE: _____

DATE: _____

President / Owner

CONSULTANT:

GRAF TREE CARE, INC.

BY: Phil Graf

TITLE: President / Owner

DATE: 10/26/2023