

LIVE OAK PRESERVATION PROJECT

PROJECT DESCRIPTION

The City of Covington and Keep Covington Beautiful are establishing a multi-year Live Oak preservation program. It consists of a limited inventory and evaluation of live oak trees that are in poor health and/or those healthier trees that may be at risk of early decline, and the initiation of actions that will improve their health. The General and Detailed Specifications have been developed for the Southern Live Oak (*Quercus virginiana*).

GENERAL REQUIREMENTS

Bid candidates shall possess a Valid Arborist License and a Commercial Pesticide Applicator Certification issued by the Louisiana Department of Agriculture and Forestry, and insurance coverage that meets the requirement of the City of Covington, LA.

Bid Candidates shall submit all additional arboricultural certifications such as International Society of Arborist certification and Tree Risk Assessment certification, and ASCA certifications.

Bid candidates shall submit a copy of licenses & certifications as well as a documented work history of successful work experience in Live Oak preservation projects.

SCOPE OF WORK

Improve the health of selected Live Oak trees growing on public land belonging to the City of Covington through arboricultural actions to include but not limited to pruning, pruning strategies, critical root zone soil remediation and the installation of branch support systems.

Complete a tree risk assessment inspection for selected trees after all specified work is completed. Submit a completed ISA Basic Tree Risk Assessment Form for each of the trees.

Complete an inventory of each tree or selected trees using a format compatible with the city GIS system. GPS coordinates for each tree must be included. The data shall be sent to a designated city representative immediately upon project completion.

GENERAL SPECIFICATIONS

Work practices shall comply with current ANSI A300 Part 1 Pruning Standard Section 8 and ANSI Z133 Standard.

A Licensed arborist shall be on site during pruning operations. All liquid ground applications shall be performed by a LDAF certified Commercial Pesticide Applicator.

No work involving soil disruption shall commence until all areas to be disturbed have been indicated with white marking paint or white flagging and a Louisiana One Call inspection has been completed. Arborist shall record and maintain the Inspection Ticket number.

A right-of-way permit is required for each physical address to inform Public Works of the work to be done. No permit fee is required. A right-of-entry permit is required if access to private property is necessary to perform required work.

DETAILED PRUNING SPECIFICATIONS

Pruning Objectives:

Trees one inch to seventeen inches in diameter- Improve crown structure and provide clearance to streets, sidewalks and structures. Reduce the risk of live and dead branch failure.

Trees eighteen inches and greater- Reduce the risk of live and dead branch failure. Provide clearance to streets, sidewalks and structures.

Pruning System: Natural-an informal style used to retain and promote the characteristic form of the species or cultivar in its current location.

1. No tree shall be climbed using climbing spurs.
2. All cuts shall be made in accordance with the ANSI A300 Part 1 Pruning Standard section 7.
3. No heading cuts shall be made unless specified or authorized.
4. Arborist shall not employ the use of an extension type chain saw unless a given branch cannot be accessed in any other manner & only with permission of the city representative.
5. Young Trees 1 Inch to 17 inches DBH - no more than one third of the foliage shall be removed from an individual tree without authorization.
6. Mature Trees – Removal of foliage shall be specified and the interior shall be designated a “no prune” zone, other than Cleaning Specifications.

Branch Structure:

Young trees [1 to 17 inches DBH]

Clean – Remove dead, dying, diseased and broken branches one inch and greater. Remove all vines growing on tree. Clean all branch unions collecting detritus and remove any plants growing from them.

Codominant Stem Management – reduce by two-thirds any codominant stems or upright branches that compete with the dominant leader. If there is no dominant leader, create one by reducing or removing all upright stems except one that is located in the dominant part of the crown.

Clearance – Reduce by two-thirds or remove branches at the trunk that are lower than eight feet over any sidewalks. Reduce by two-thirds or remove branches at the trunk that are lower than fourteen feet over any streets. Structure clearance shall be addressed on site.

Sprout Removal – Remove sprouts originating on the trunk below eight inches including the root collar.

Mature trees [18 inches DBH and greater]

Branch reduction shall be accomplished using reduction cuts, three to four inches in diameter, not removal cuts. An average of fifteen cuts shall be applied to each tree. [Range standard is fifteen to twenty cuts per tree]

Heading cuts shall be made only in extreme circumstances and shall be employed to avoid large diameter wounds, especially at the trunk, that expose heartwood.

Clean – Remove dead, dying, diseased and broken branches one inch and greater. Remove all vines growing on tree. Clean all branch unions collecting detritus and remove any plants growing from them. This task shall be performed throughout the canopy including interior and exterior branch structure. No healthy branches shall be removed from the “interior” canopy.

Exterior branch length reduction – Reduce the length of any high-risk limbs, limbs with large aspect ratios, co-dominant stems that compete with the dominant leader. Stems that compete with the leader are those with a diameter more than half the trunk diameter measured just beyond the union. Reduce the length of extended branches that are unusually long or are outside the shape of the main crown.

Clearance – Street, sidewalk and structure clearance shall be addressed through reduction pruning to meet clearance requirements.

Sprout Removal – Remove sprouts originating on the trunk below eight inches including the root collar.

Wood Residue Product Recycling: All wood chips generated in the operations phase of this project shall be removed from the work site or may be spread at a depth of 4 inches in areas designated by city representative.

For bids involving labor or labor and materials, does your business carry the following insurance coverage? Please provide proof of insurance upon submission.

Please check all that apply:

- Workmen's Compensation
- Comprehensive General Liability
- Comprehensive Automobile Liability

UPON SUBMISSION OF QUOTE PLEASE PROVIDE PAST LIVE OAK TREE PRESERVATION WORK EXPERIENCE

QUOTES TO BE SUBMITTED BY February 25, 2022, AT 2:00 P.M.

QUOTES SHOULD BE FAXED TO 985-898-2651 OR EMAILED TO Stacy Sharp, ssharp@covla.com

WORK IS TO BE COMPLETED & INVOICED BY March 15, 2022

Vendor Name

Phone Number

Authorized Representative

Email

Date _____

Arborist License Number _____

BID PRICING

JOB Feb-Mar 1-2022

TREES 7

Tree Inventory Number AP-1 **Description** DBH 50.5 inches

Location Peter Atkins Park, 701 N. Tyler **Critical root zone area** 10,000 sq. ft.

Branch Structure \$ _____

Inventory Data \$ _____

Tree Total \$ _____

Tree Inventory Number NF-1 **Description** DBH 27 inches

Location 321 N. Florida **Critical root zone area** 400 sq. ft.

Branch Structure \$ _____

Inventory Data \$ _____

Tree Total \$ _____

Tree Inventory Number NM-1 **Description** DBH 54 inches

Location 221 N. Massachusetts **Critical root zone area** 400 sq. ft.

Branch Structure \$ _____

Inventory Data \$ _____

Tree Total \$ _____

Tree Inventory Number E15-1 **Description** DBH 49 inches

Location 213 E. 15th at creek **Critical root zone area** 300 sq. ft.

Branch Structure \$ _____

Inventory Data \$ _____

Tree Total \$ _____

Tree Inventory Number E15-2 **Description** DBH 55 inches

Location 324 E. 15th, in island **Critical root zone area** 200 sq. ft.

Branch Structure \$ _____

Inventory Data \$ _____

Tree Total \$ _____

Tree Inventory Number E15-3 Description DBH 41 inches
Location across from 405 E. 15th Critical root zone area 400 sq. ft.
Branch Structure \$ _____
Inventory Data \$ _____
Tree Total \$ _____

Tree Inventory Number E17-1 Description DBH 40 inches
Location in E. 17th at S. Jahncke Critical root zone area 250 sq. ft.
Branch Structure \$ _____
Inventory Data \$ _____
Tree Total \$ _____

TOTAL BID \$ _____