



WILDWOOD®

MEMORANDUM

To: Administration/Public Works Committee Members

From: Rick C. Brown, Director of Public Works / City Engineer

Date: February 1, 2019

Re: Contractor Bids for 2019 Spring Tree Planting Project

For 2019, the Department is planning a spring tree planting project. The project will remove and replace 136 trees in the right of way. In order to bid the project, the Department utilized Meridith Perkins, Urban Forester/Arborist with Davey Resource Group, to prepare the Request for Proposal (RFP) at several locations. The scope of work for the project includes the following:

1. Remove of 92 ash trees along Forest Leaf Parkway, Green Pines Drive, and Green Needle Court and re-planting 92 new trees (species vary) to replace ash trees.
2. Planting of six (6) new oak trees along Taylor Road in newly established structural soil.
3. Removal of 15 declining trees/ stumps and removal of 2 additional stumps in 4 x 4 cut outs along Manchester Road and Taylor Road.
4. Planting of 18 new trees (species vary) in 4x4 cut outs along Manchester Road and Taylor Road. Replace soil in tree pits with approved planting soil.
5. Removal of 9 declining trees/stumps and removal of 4 additional stumps along Pond Grover Loop Rd.
6. Planting of 20 new trees (species vary) in existing soil along Pond Grover Loop Rd.

The project features our first usage of structural soil to re-plant 21 trees in the Town Center area. The use of structural soil will provide an improved planting medium for tree roots, which should allow the newly planted trees to thrive. (See **Exhibit A.**)

In addition, the project will replace 92 ash trees which are declining or will be dead as a result of the emerald ash borer (EAB) infestation. The EAB was seen in Chesterfield last year, so we expect to see the beginning of its effects on ash trees in Wildwood very soon. The location of the ash trees to be removed and replaced is shown on **Exhibit B.** Residents impacted by tree removal will be notified by mail by the Department in advance of the work.

For your reference, a copy of the full RFP has been attached to this memo. The estimated cost of the project is \$98,085; however, these costs will be partially reimbursed through a Department of Conservation Tree Resource Improvement and Maintenance (TRIM) grant for \$25,000. The project is required to be completed by April 30th.

On January 30, 2019, sealed bids in response to the RFP were opened for the FY-2019 Spring Tree Planting Project. A copy of the bids received has been included as **Exhibit C**. The low bidder was Gamma Tree Experts with a bid of \$ 69,825.

Recommendation

The Department of Public Works is recommending a contract with Gamma Tree Experts for the FY 2019 Spring Tree Planting Project for \$ 69,825(bid amount) plus a \$7,000 contingency for additional work as identified by the Department. The maximum authorization under the agreement is \$76,825 (or \$51,825 accounting for the TRIM grant.)

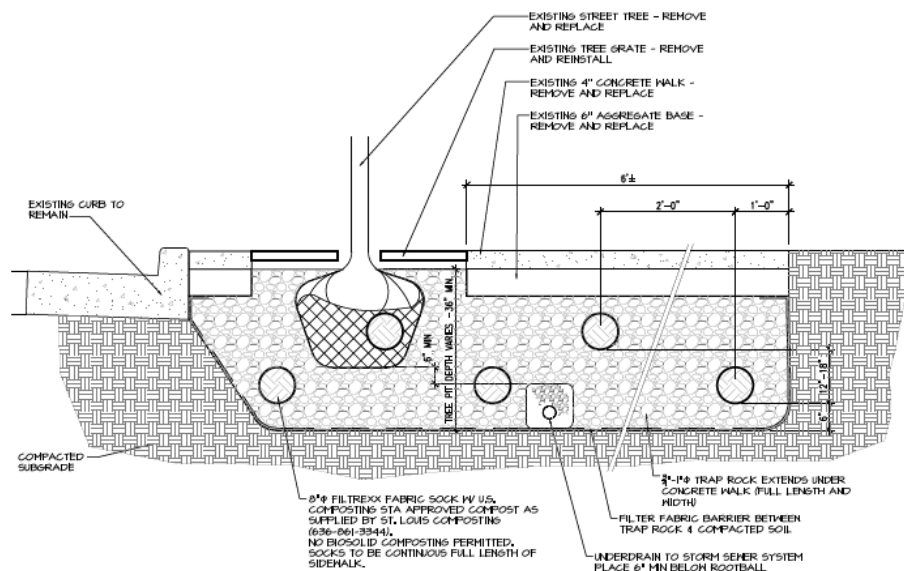
Reasons for Recommendation

- The bid from Gamma Tree Experts is below the estimated cost for the project.
- With seven contractors submitting bids, we have very competitive prices for this work.

With a motion from the Committee approving this recommendation, the Department will prepare a bill authorizing the Mayor to execute an agreement with Gamma Tree Experts for the 2019 Spring Tree Planting Project. The bill will be submitted to the City Council for consideration.

I will be available for any questions or comments regarding this matter at the February 5, 2019 meeting of the Admin/Public Works Committee.

RCB



Street Tree in Structural Soil Detail

Exhibit A

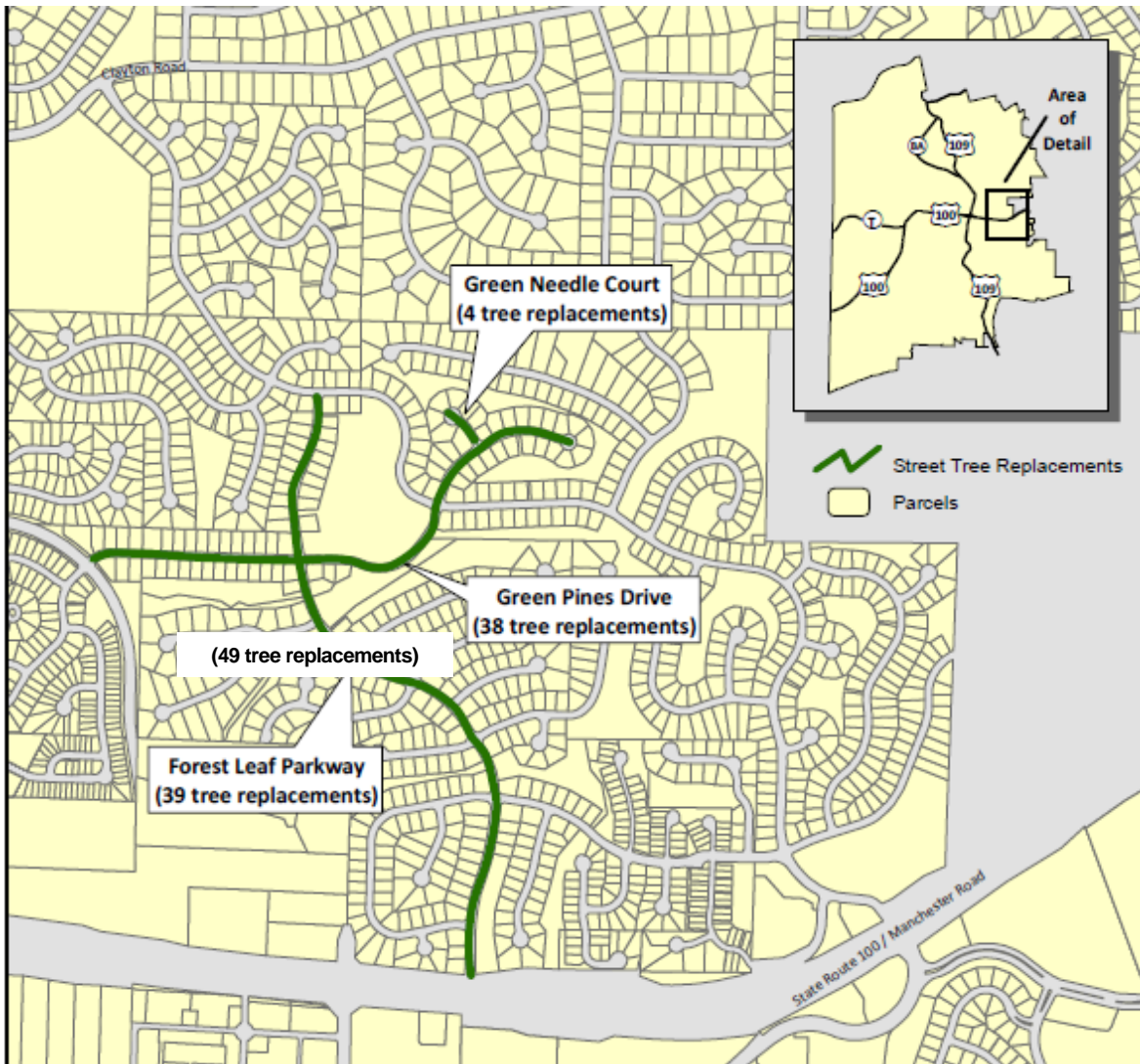


Exhibit B – Ash Tree Removal and Replacement

Request for Proposals

City of Wildwood Tree Project

Date Issued: January 8, 2019

Date Update: January 25, 2019

PURPOSE

The City of Wildwood will be removing 92 ash trees/stumps, 24 declining trees/stumps, and 6 additional stumps as well as re-planting a total of 136 trees in the public right of way. This project aims to support the establishment and longevity of every tree installed. To achieve this success, the trees must be planted according to best management practices and every effort should be made by the Contractor to promote healthy establishment. This project will help the City proactively react to the emerging threat of emerald ash borer and successfully re-establish a new urban forest canopy.

IMPORTANT DATES

Optional Pre-Bid Meeting: 1:00pm, January 23, 2019

Proposal Deadline: 10:00am, January 30, 2019

Project Completion: April 30, 2019

BACKGROUND

Trees in Wildwood have struggled to establish across the city, especially in the previously designed 4x4 concrete cutout pits. Most of the trees have been replaced multiple times over the course of ten years. The failure of these trees to thrive may be attributed to a combination of factors including: improper planting procedures, less ideal species selection, over application of mulch, poor drainage, limited soil volume available to roots, and harsh site conditions (reflective heat, salt, etc.).

The City of Wildwood's 2020 Vision includes a commitment to tree canopy across the community. However, in addition to many trees failing to thrive, we expect to lose all the ash trees in the rights-of-way over the next few years. To meet this challenge the Public Works Department is issuing this RFP for select ash tree removals and tree planting across the city.

SCOPE OF SERVICES

The successful Contractor will be responsible for providing the personnel and equipment needed to meet the project requirements and terms as specified in this document.

1. Remove of 92 ash trees along Forest Leaf Parkway, Green Pines Drive, and Green Needle Court. Details in Appendix A.
2. Planting of 92 new trees (species vary) to replace ash trees. Details in Appendix A.
3. Planting of six (6) new oak trees along Taylor Road in newly established structural soil. Details in Appendix B.
4. Removal of 15 declining trees/ stumps and removal of 2 additional stumps in 4 x 4 cut outs along Manchester Road and Taylor Road.

5. Planting of 18 new trees (species vary) in 4x4 cut outs along Manchester Road and Taylor Road. Replace soil in tree pits with approved planting soil. Details in Appendix C.
6. Removal of 9 declining trees/stumps and removal of 4 additional stumps along Pond Grover Loop Rd.
7. Planting of 20 new trees (species vary) in existing soil along Pond Grover Loop Rd. Details in Appendix D.

Commencement and Completion of Work:

The Contractor will be required to commence work upon notification by the City. Such work shall be performed efficiently and within the defined timeframe. Work may be halted temporarily if soil or weather conditions are unsatisfactory. Work shall include completion of all site prep, tree removal, stump grinding, site cleanup, and planting listed in Appendix which includes the list of project locations, site modifications, and select species. Alternative species may be included in Contractor proposal if adequate justification and value is explained.

Jobsite Management:

A skilled, technically experienced Contractor must always be present and available during tree removals and tree planting. This individual shall be in full charge of the work and have full authority for making decisions involving the work order, unexpected issues, project alternations, and communication. Proof of professional credentials must be submitted with this RFP.

The Contractor shall protect the work and the materials in or about the project from damage caused by weather, fire, theft, etc. and shall replace and make good any such damage or loss occurring entirely at the Contractor's own expense.

Work is to be performed during standard City work hours. No work is to be performed on Saturdays, Sundays, or national holidays without permission of the City.

Contractor will be required to coordinate with the City to establish accurate timelines and work processes to ensure efficiencies and minimize extend periods of site disturbance.

Contractor is responsible for locating all utility conflicts before stump grinding or planting new trees and adjusting scope to avoid issues. Any property damage associated with work, including damage to inground lighting or irrigation, shall be the responsibility of the Contractors.

Tree Removal:

Ninety-two (92) trees shall be removed in neighborhood east of Highway 109 and North of State Route 100. See Attachment A for area map and details. Additionally, the City will mark trees to be removed with a red painted dot on the base of each tree on the street side.

Fifteen (15) declining trees/ stumps and two (2) additional stumps in 4 x 4 cut outs along Manchester Road and Taylor Road shall be removed. See Attachment C for details.

Nine (9) declining trees/stumps and four (4) additional stumps along Pond Grover Loop Rd. shall be removed. See Attachment D for details.

All stumps and surface roots associated with each tree shall be completely removed. Grindings shall be removed and replaced with appropriate planting soil to support a new tree.

Tree Planting:

Ninety-two (92) trees will be planted along municipal streets to replace recently removed ash trees, six (6) trees will be planted along Taylor Road in front of Walgreens, twenty (20) trees will be planted in the open right-of-way along Pond Grover Loop, and eighteen (18) trees will be planted in 4x4 cutouts.

These trees will be planted according to best management practices as outlined in Appendix E and supported by the ANSI A300 Standards.

Contractor is expected to water the newly established trees to promote establishment.

Plant Material:

The Contractor shall be responsible for furnishing and installation of material listed in the bid package.

At the time of the bid opening, each bidder is required to present a statement listing the tree nursery(s) at which each type and quantity of tree is located for fulfilling the contract. These trees are to be available for inspection and approval by a representative of City or its agent. City may consider both pricing and quality in the selection process.

All trees shall have a one-year warranty. If trees die or fail to adequately establish, Contractor will replace the specimen free of charge for up to 12-months after initial installation.

Quality:

Successful bidders shall be prepared to supply certificates of origin from the respective nurseries for their stock. They shall have been transplanted or root pruned during growth, according to standards established by the AMERICAN NURSERY LANDSCAPE ASSOCIATION.

Plants shall be sound, healthy and vigorous, well branched and densely foliated when in leaf. They shall be free of disease, insect pests, eggs or larvae, and shall have healthy, well-developed root systems. All trees shall be free of any physical damage such as bark abrasions, disfiguring knots, sunscald or cuts to limbs over ¾ of an inch in diameter that are not completely healed. Trees with multiple leaders will not be accepted. All plants shall conform to the **American Standard for Nursery Stock ANSI Z60.1 – 2004**, or most current version of this standard, published by the AMERICAN NURSERY LANDSCAPE ASSOCIATION. All plants shall be labeled by plant name (genus, species and cultivar) and size. Labels shall be attached securely to all plants when delivered.

Size:

Trees planted in open tree lawn shall be a minimum of 2 to 2.5-inch caliper at 6 inches above the root collar. Larger scale plants may be substituted at the discretion of the inspector in charge. Use of such plants shall not increase the Contractor price. If larger plants are approved, the ball of earth shall be increased in the proportion of the size of the plant. Trees planted in 4x4 pits may be a min. of 1.5-inch

caliper to accommodate limited root space and promote establishment. All trees are expected to have healthy root systems.

Inspection and Samples:

The Contractor shall furnish complete information as to the location of all proposed plant material. The City or its agent, reserves the right to accompany the vendor to any nursery to aid in the selection and tagging of plants.

Plants shall be subject to inspection and approval at place of growth and upon delivery for conformity to specifications as to quality, size and variety. Such approval shall not impair the right of inspection and rejection upon delivery at the site or during the process of the work for size and conditions of root balls, root systems, branch structure, diseases, insects and latent defects or injuries. Rejected plants shall be removed from the site within forty-eight hours. The Contractor shall furnish certificates of inspection of plant materials as may be required by Federal, State or other authorities to accompany shipments.

Digging and Hauling Plants:

All roots and above ground plant parts are to be protected to prevent drying out in transit. This includes using mesh tarps that are properly secured if trees are in leaf at time of delivery.

All precautions customary in good trade practice shall be taken in preparing plants for transplanting. Workmanship that fails to meet the highest standards will be rejected. Balled and burlapped trees shall have firm natural balls of earth and shall conform to the horticultural standard of the AMERICAN NURSERY LANDSCAPE ASSOCIATION. Loose, broken or manufactured balls may be rejected.

The root balls and above ground parts of all plants shall be adequately protected at all times from sun or drying winds. B&B plants that cannot be planted immediately upon delivery shall be staged at the Contractor's yard. These plants shall be set in the shade and the root balls shall be protected with moist wood chips or other acceptable material. All plants shall be watered as necessary until planted.

Planting Procedure:

Planting operations shall be conducted under favorable weather conditions during the spring.

The Contractor shall be required to submit to the City or its agent in writing a schedule of planting which shall include dates and locations. The Contractor shall not deviate from this schedule without informing the City or its agent in advance.

Prior to planting trees in pits, the Contractor shall inspect each pit to ensure adequate drainage. If drainage is inadequate, the City or its agent shall be notified, and his/her permission shall be obtained before placing the plant material into such pits.

Street tree planting pits shall be excavated to the entire extent of the pavement cut and shall be at least 30" inches in depth. Lawn trees shall be planted in pits that are a width of at least 2X the diameter of the root ball. Lawn tree planting pits shall only be excavated to a depth that allows root flare to be located at soil grade. All tree planting is to conform to the street and lawn tree planting/staking details as illustrated in Appendix E.

Tree staking is not required and should only be installed when needed.

Setting Plants:

Unless otherwise specified, all plants shall be planted in pits, centered and set such that the root collar shall be even with or slightly above finished grade after settlement. Centering the trees will be particularly critical where tree grates will be installed over the tree pits.

Trees shall be planted upright and faced to give the best appearance or relationship to adjacent structures. At minimum, wire baskets and surplus binding from the top 2/3rds of the ball shall be removed entirely. All broken or frayed roots are to be cut off cleanly with pruning shears. Soil shall be placed and compacted carefully to fill all voids.

Mulching:

All trees shall be mulched with 2" – 3" of shredded hardwood mulch. Mulching is to be performed the same day as planting. Mulch shall cover the entire tree pit and form a "saucer" around the tree. Mulch shall not be mounded up against the trunk of the tree or used to fill tree pit.

Clean Up:

The Contractor shall, as directed by the City, remove and properly dispose of all debris during the progress of this work and keep the premises neat and reasonably clean. Upon completion of the work, Contractor shall remove all equipment and unused materials, including excess soil and debris, and shall leave the premises in a neat and clean condition.

Duty to inform:

It shall be the Contractor's duty to inform the contract representative of any tree related issues identified by Contractor while performing the services outlined in this agreement that could cause harm or injury to people or property.

Communications:

It shall be the Contractor's responsibility to communicate all important project issues and questions with the contract representative. Specifically, the Contractor shall:

1. Provide contract representative a detailed schedule of work, including specific dates planned for each project area;
2. Notify contract representative when plant material arrives for possible inspections;
3. Notify contract representative of any work stoppage for any reason, including weather, material delays, etc.

The City shall be responsible for informing adjacent property owners of expected work and limiting parking or traffic as requested.

GENERAL INFORMATION

Contract:

The successful Contractor will be required to enter into a standard form services contract. The contract will be modified to incorporate the terms of this RFP and any pertinent documents included with the selected Contractor's accepted and approved proposal.

The contract representative reserves the right to terminate the relationship with the successful Contractor if the required documents are not submitted to and approved within 30 business days of receiving notice of the contract award.

Should the Contractor neglect, refuse, or fail to complete the work under the contract in accordance with the specified requirements, the Contractor may be liable for consequential damages resulting directly from their negligent acts.

Proposal Price:

Contractor shall provide itemize pricing for all aspects of project implementation. The City reserves the right to divide the project and select multiple Contractors for the work.

Incurred Costs:

The City of Wildwood will not be liable in any way for any costs incurred by the respondents in replying to this RFP.

Confidentiality:

After award of the contract, all responses, documents, and materials submitted by the Contractor pertaining to this RFP will be considered public information and will be made available for inspection, unless otherwise determined. All data, documentation, and innovations developed as a result of these contractual services shall become the property of the participating communities. Based upon the public nature of these RFP's, a Contractor must inform the contract administrator, in writing, of the exact materials in the offer which it claims are exempt from disclosure pursuant to the Missouri Sunshine Law.

Compliance with the Laws:

The Contractor shall at all times observe and comply with all laws, ordinances, and regulations of the federal, state, and local governments, which may in any manner affect the preparation of proposals or the performance of the Contract. Contractors shall make all necessary applications for a federal employer identification number, state sales tax number, and a payroll tax number; and file all tax returns as required by law.

Contractor hereby agrees that it will comply with all requirements of the Missouri Human Rights Act. Contractor hereby agrees that it will comply with all requirements of the Missouri Occupational Safety and Health Administration.

All State and municipal permits and licensing (i.e. right-of-way permit) must be in place prior to initiating any contract work.

Insurance and Bond Requirements

Contractor shall produce and maintain for the term of the contract, and any extensions thereof, the various insurance coverage required by the State of Missouri including minimum required amount of \$3,000,000 for:

1. Professional Liability Insurance
2. General Liability Insurance
3. Workers Compensation Insurance

All public agencies participating in this contract shall be listed as additional insurers for the operations of Contractor under this agreement.

Indemnification

The selected Contractor shall indemnify and hold the City of Wildwood, any trustees, officers, directors, agents, employees, representatives, and assigns, from lawsuits, actions, costs (including attorney's fees), claims or liability of any character incurred due to the alleged negligence of the Contractor, brought because of any injuries or damages received or sustained by any person, persons, or property on account of any act or omission, negligence or misconduct of said Contractor, its officers, agents, and/or employees arising out of, or in performance of any of the provisions of the Contract Documents, including any claims or amounts recovered for any infringements of patent, trademark, or copyright; or from any claims or amounts arising or recovered under the "Worker's Compensation Act: or any other law, ordinance, order or deed. The Contractor shall be solely liable for all costs arising out of such claims, lawsuits, actions, or liabilities.

The Contractor shall not make any settlement or compromise of a lawsuit or claim or fail to pursue any available avenue of appeal of any adverse judgment, without the approval of the City and any other indemnified party. The City or other indemnified party, in its or their sole discretion, shall have the option, at their expense, of being represented by its or their own counsel.

Pre-Bid Meeting

All interested Contractors are welcome to send a representative to the pre-bid meeting scheduled from 1:00pm – 2:00pm on January 23, 2019 at Wildwood City Hall. The purpose of this meeting is to review the expectations of this RFP. All questions will be addressed at this time. Any RFP addendums needed to clarify the intent and/or further explain the requirements of this RFP will be generated from the pre-bid meeting dialog. Any RFP updates will be shared with the participating Contractors.

Evaluation of Proposals:

The City will host a public bid opening. Proposals will then be evaluated based on price, vendor's qualifications, vendor's capacity, proposed design, and additional factors deemed relevant. The City has sole discretion to choose a Contractor and retains the right to refuse any and all proposals.

Negotiations:

The City of Wildwood retains the right to negotiate specifications, terms, and conditions which may be necessary or appropriate to the accomplishment of the purpose of this RFP. The City may require the entire proposal, or portions thereof, be made an integral part of the resulting contract. This implies that all responses, supplemental, and other submissions provided by the vendor during discussions or negotiations will be held as contractually binding on the successful vendor.

Award:

The award will be made within sixty (60) days after the date of the proposal opening, or any mutually agreed extension thereof. The City may select multiple Contractors to provide various elements of the project. The selected Contractor will have an option to decline the contract award.

CONTENT OF PROPOSAL: Due January 30, 2019 by 10:00am

To be considered for this project, all required elements must be submitted with the RFP. Required elements include:

1. All bids must be good for ninety (90) days after bid opening.
2. All proposals shall be based on one-year contract and all prices shall remain constant for the term of the contract.
3. Each bidder shall furnish copies of the following:
 - a. Complete Bid Summary Sheet (Attachment F)
 - b. Project References from projects of equal or greater scale that have been performed in the past three years. Include name and phone number of contact person.
 - c. List of professional team and credentials
 - d. Missouri Business License (copy)
 - e. Proof of insurance meeting the requirements listed in general information.

All proposals shall be submitted, as sealed bid, to:

Wildwood Public Works
Att: Rick Brown
16860 Main Street
Wildwood, MO 63040

Number of copies required: One (1) original and one (1) copy – two (2) total.
Any questions relative to the preparation of your proposal should be directed to:
Meridith Perkins, Contract Manager, (314) 452-4268, meridith.perkins@davey.com

Bid Opening: Wednesday, January 30, 2019 at 10:00am, Wildwood City Hall

The City of Wildwood reserve the right to accept or reject any proposal for any reason. All proposals shall be evaluated for completeness, level of experience, qualification of Contractor and key personnel and the ability to meet the standards of service required.

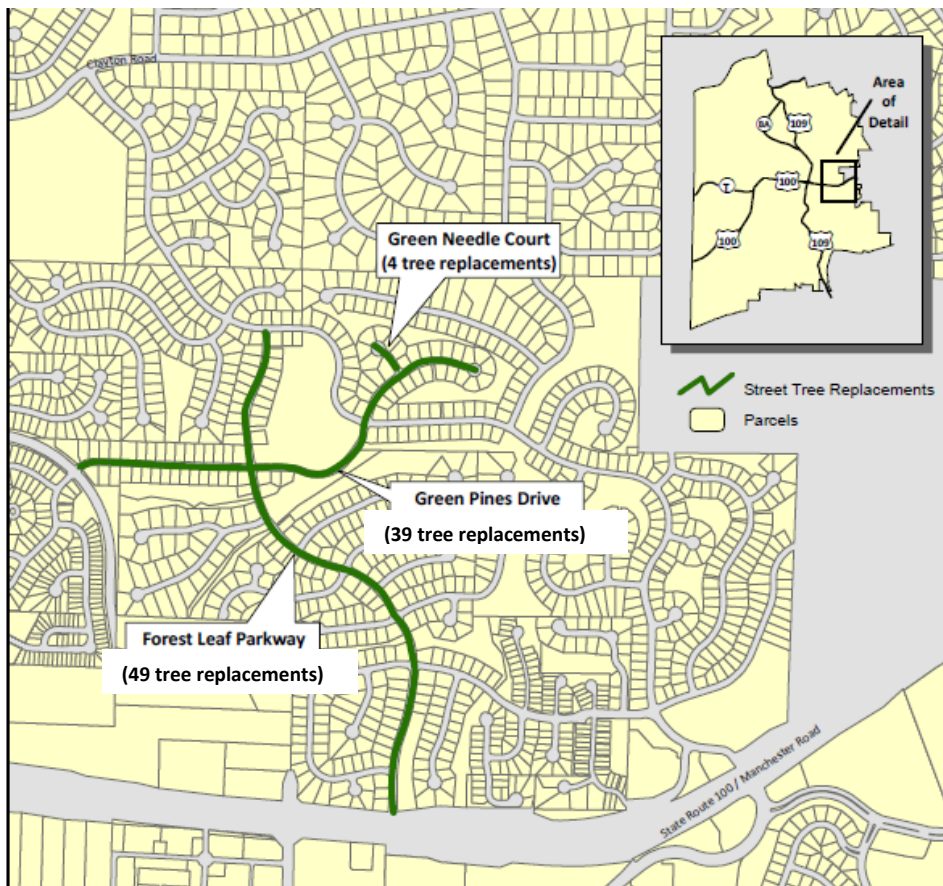
APPENDIX A: Ash Removal and Replacement

Removals: All ash trees (92 total) along designated segments of Forest Leaf Parkway (49 trees), Green Needle Court (4 trees), and Green Pines Drive (39 trees); see map below for location details. Diameter size varies between 4" – 24" DBH.

Replacement Species:

Genus	Number	Species
Oak	40	White Oak, Swamp White Oak, Northern Red Oak, Hybrid Oak
Maple	26	Miyabei, Red, Sugar
Linden	26	Silver, Little Leaf, American

Contractor is responsible for calling in all utility locates before stump grinding or planting.

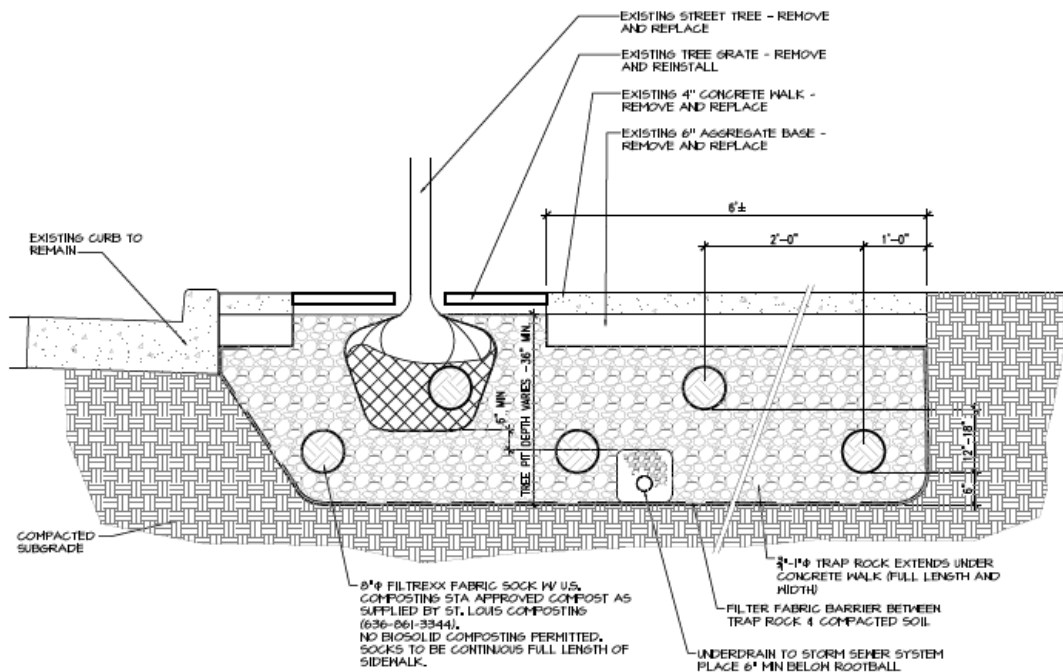


APPENDIX B: Tree Planting in Structural Soil

Six (6) swamp white oaks, *Quercus bicolor*, will be planted along Taylor Road in front of Walgreens (100 Plaza Drive, Wildwood, MO 63040). These trees will be placed in 4x4 sidewalk cut outs. Existing structural soil will be utilized as planting medium and backfill. No additional soil shall be added to these sites. Metal grates shall be removed and replaced around newly planted trees.

Structural soil site prep will be performed by the City prior to tree planting.

Trees shall be planted according to best management practices as outlined in Appendix E.



Street Tree in Structural Soil Detail

APPENDIX C: 4x4 Cut Out Removal and Planting Locations

Location and replacement species:

Zone	Location Description	Street Name	Current Species	Site condition	Site size	Action	Recommended replacement species
Public Works	Garden East	Taylor Rd.	Pin oak	Declining Tree	4x4 cut-out	Remove/replace	Cherrybark oak
Public Works	Opposite Llywelyn's	Taylor Rd.	Pin oak	Vacant	4x4 cut-out	Replace	Nuttall oak
Public Works	East of Taylor	Manchester Rd.	Little leaf linden	Declining Tree	4x4 cut-out	Remove/replace	Little leaf linden
Public Works	East of Taylor	Manchester Rd.	Little leaf linden	Declining Tree	4x4 cut-out	Remove/replace	Little leaf linden
Public Works	East of Taylor	Manchester Rd.	Little leaf linden	Declining Tree	4x4 cut-out	Remove/replace	Little leaf linden
Public Works	East of Taylor	Manchester Rd.	Little leaf linden	Declining Tree	4x4 cut-out	Remove/replace	Little leaf linden
Public Works	East of Taylor	Manchester Rd.	Little leaf linden	Declining Tree	4x4 cut-out	Remove/replace	Little leaf linden
Public Works	East of Taylor	Manchester Rd.	Little leaf linden	Declining Tree	4x4 cut-out	Remove/replace	Little leaf linden
Public Works	Metro West	Manchester Rd.	Amur Maple	Declining Tree	4x4 cut-out	Remove/replace	Amur Maple
Public Works	Mobile Gas	Manchester Rd.	Honey locust	Declining Tree	4x4 cut-out	Remove/replace	Honey locust 'Skyline'
Public Works	Mobile Gas (across)	Manchester Rd.	Maple	Declining Tree	4x4 cut-out	Remove/replace	State Street Maple
Public Works	Corner (between Pierside Ln and U.S. 66)	Manchester Rd.	Honey locust	Declining Tree	4x4 cut-out	Remove/replace	Honey locust 'Skyline'
Public Works	Reliance Bank	Village Plaza View	Maple	Stump	4x4 cut-out	Remove stump/replace	Armstrong Maple
Public Works	Reliance Bank	Village Plaza View	Maple	Stump	4x4 cut-out	Remove stump/replace	Armstrong Maple
Public Works	Community College	Generation Dr.	Pin oak	Declining Tree	4x4 cut-out	Remove/replace	Blackgum 'Green Gables'
Public Works	West of 109	New College Ave	Pin oak	Declining Tree	4x4 cut-out	Remove/replace	Zelkova 'Village Green'
Public Works	West of 109	New College Ave	Pin oak	Declining Tree	4x4 cut-out	Remove/replace	Zelkova 'Village Green'
Public Works	West of 109	New College Ave	Pin oak	Declining Tree	4x4 cut-out	Remove/replace	Zelkova 'Village Green'
Public Works	West of 109	New College Ave	Pin oak	Declining Tree	4x4 cut-out	Remove/replace	Zelkova 'Village Green'

Eighteen (18) tree pits along Manchester Road and Taylor Road within the City's Public Works right-of-way require replacement trees. Fifteen (15) declining trees/stumps and two (2) existing stumps must first be removed.

New trees shall be centered in tree pit and metal tree grate reinstalled around trunk.

Care should be given to follow all planting standards outline in Appendix E, including removing ball and burlap material around roots and placing trees at proper depth so first root flare is at the surface. Excess mulch should not be added to fill space between soil surface and base of grate; no mulch should be touching the new tree's trunk.

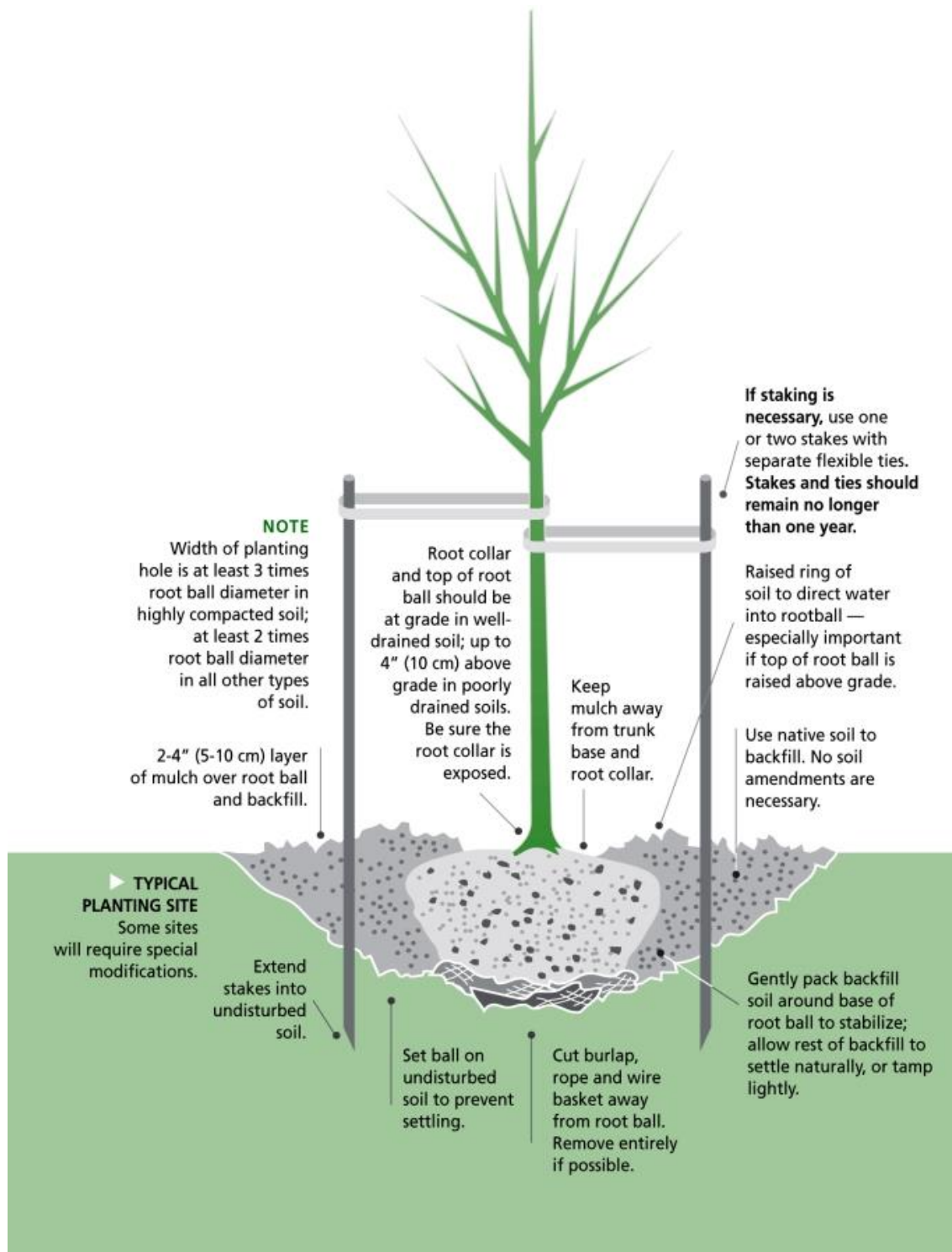
Soil replacement shall be high quality loam soil premixed to maximize tree health and drainage. Target pH levels <7 to avoid complications from alkalinity. Preferred mix may include blend of topsoil, sand, fines, and compost. Soil must be approved by the City prior to installation.

APPENDIX D: Tree Removal and Planting Along Pond Grover Loop

This area has a traditional tree lawn. Trees will fill in gaps between existing trees. Tree locations will be marked by the City. Contractor is responsible for calling in all locates prior to digging.

Zone	Location Description	Street Name	Current Species	Site condition	Site size	Action	Recommended replacement species
Pond Grover	East of 109 (North Side)	Pond Grover Loop Rd.	Purple leaf plum	Declining Tree	10' tree lawn	Remove/replace	Forest Pansy Redbud
Pond Grover	East of 109 (North Side)	Pond Grover Loop Rd.	Purple leaf plum	vacant	10' tree lawn	Replace	Forest Pansy Redbud
Pond Grover	East of 109 (North Side)	Pond Grover Loop Rd.	Winter King hawthorn	Declining Tree	10' tree lawn	Remove/replace	Autumn Brilliance Serviceberry (single stem)
Pond Grover	East of 109 (North Side)	Pond Grover Loop Rd.	Purple leaf plum	Stump	10' tree lawn	Remove stump/replace	Forest Pansy Redbud
Pond Grover	East of 109 (North Side)	Pond Grover Loop Rd.	Winter King hawthorn	Stump	10' tree lawn	Remove stump/replace	Autumn Brilliance Serviceberry (single stem)
Pond Grover	East of 109 (North Side)	Pond Grover Loop Rd.	Purple leaf plum	vacant	10' tree lawn	Replace	Appalachian Red Redbud
Pond Grover	East of 109 (North Side)	Pond Grover Loop Rd.	Purple leaf plum	Declining Tree	10' tree lawn	Remove/replace	Appalachian Red Redbud
Pond Grover	East of 109 (North Side)	Pond Grover Loop Rd.	Purple leaf plum	Declining Tree	10' tree lawn	Remove/replace	Forest Pansy Redbud
Pond Grover	East of 109 (North Side)	Pond Grover Loop Rd.	Purple leaf plum	vacant	10' tree lawn	Replace	Forest Pansy Redbud
Pond Grover	East of 109 (North Side)	Pond Grover Loop Rd.	Winter King hawthorn	vacant	10' tree lawn	Replace	Autumn Brilliance Serviceberry (single stem)
Pond Grover	East of 109 (North Side)	Pond Grover Loop Rd.	Purple leaf plum	Stump	10' tree lawn	Remove stump/replace	Appalachian Red Redbud
Pond Grover	East of 109 (North Side)	Pond Grover Loop Rd.	Winter King hawthorn	Declining Tree	10' tree lawn	Remove/replace	Autumn Brilliance Serviceberry (single stem)
Pond Grover	East of 109 (North Side)	Pond Grover Loop Rd.	Purple leaf plum	Stump	10' tree lawn	Remove stump/replace	Forest Pansy Redbud
Pond Grover	East of 109 (South Side)	Pond Grover Loop Rd.	Purple leaf plum	Declining Tree	10' tree lawn	Remove/replace	Appalachian Red Redbud
Pond Grover	East of 109 (South Side)	Pond Grover Loop Rd.	Purple leaf plum	Declining Tree	10' tree lawn	Remove/replace	Appalachian Red Redbud
Pond Grover	East of 109 (South Side)	Pond Grover Loop Rd.	Purple leaf plum	vacant	10' tree lawn	Replace	Forest Pansy Redbud
Pond Grover	East of 109 (South Side)	Pond Grover Loop Rd.	Purple leaf plum	Declining Tree	10' tree lawn	Remove/replace	Forest Pansy Redbud
Pond Grover	East of 109 (South Side)	Pond Grover Loop Rd.	Winter King hawthorn	Vacant	10' tree lawn	Replace	Autumn Brilliance Serviceberry (single stem)
Pond Grover	East of 109 (South Side)	Pond Grover Loop Rd.	Winter King hawthorn	Vacant	10' tree lawn	Replace	Autumn Brilliance Serviceberry (single stem)
Pond Grover	East of 109 (South Side)	Pond Grover Loop Rd.	Purple leaf plum	Declining Tree	10' tree lawn	Remove/replace	Appalachian Red Redbud

APPENDIX E: Tree Planting Detail



Planting detail provided by Washington State DNR

APPENDIX F: Bid Summary Sheet

Due Wednesday, January 30, 2019 by 10am

To be submitted in sealed bid clearly labeled with "Wildwood Tree Project"

Contact information:

Company Name:	
Company Address:	
Company Phone:	
Contact Name:	
Contact Phone:	
Contact Email:	

Price Quote:

TOTAL PROJECT PRICE <i>(INCLUDE 4 WATERING CYCLES)</i>	\$
Remove 92 Ash Trees and Stumps	\$
Remove 24 Declining Trees and Stumps	\$
Remove 6 Stumps	\$
Plant 136 1.5-2.5" caliper trees <i>(per specifications)</i>	\$
Recommended Soil Replacement Cost	\$
Water (all trees as needed during summer)	\$ /136 trees

References:

Client	Project Description	Contact Name	Contact Number

Professional Staff:

Name	Professional Credentials

Additional comments may be submitted on a separate page and may include alternative soil options.

APPENDIX G: Addenda

Addendum 1. The total number of ash trees to be removed and replaced (pages 1,2,3, 9, and 15) has been increased to 92. The tree replacement species distribution has been updated to reflect the change (page 9).

Addendum 2. The minimum tree size requirements for trees to be planted in 4x4 cut out locations (pages 3 and 15) has been reduced to 1.5” caliper to accommodate space limitations in pit and promote better establishment. Tree lawn specimen should remain minimum of 2-inch caliper.

Addendum 3. Bid Summary Sheet (page 15) has been updated to include: 1) clarification that the bids are due in sealed envelope clearly labeled with “Wildwood Tree Project”, 2) a bid line for soil options and price, 3) a project total amount line. Total number of ash trees to be removed and total trees to be planted has also been updated to reflect changes in Addendum 1.

Addendum 4. Additional soil descriptions for tree pit soil replacement were added (page 12). Contractor may provide pricing alternatives for various soil mix options.

Addendum 4. Pre-Bid Meeting Clarifications

Soil in Tree Pits

Soil in tree pits shall be replaced with high quality loam soil. Contractor will be responsible to remove and replace the soil. If drainage is a concern or other site limitations require alternative soil mix, contractor is responsible for making the City aware of their recommendation and change order. Price options have been added to the Bid Summary Sheet to allow contractor to outline price range for various soil mix; contractor to provide recommended mix.

New soil shall be a minimum of 30” deep. Trees shall be planted according to ANSI standards with root collar visible above soil grade.

Split Contracts

The City plans to award the project in full to one qualified contractor, however the City has the right to select multiple contractors if deemed necessary.

Watering

The City intends to include some tree watering in the contract commitment. Use of watering bags may be proposed. Regardless of the watering routine, the Contractor must provide a 1-year warranty.

Damage to Private Assets in Right-of-Way

Residents adjacent to tree work will receive notice that they must identify private irrigation lines, invisible fence, or other in ground material that may be vulnerable to disturbance during tree removal, stump grinding, and planting; the City does not anticipate conflicts. Contractor will be responsible for any damage.

Lane Drops

The City will not provide lane drops.

Prevailing Wage

Prevailing wage is not required on this project.

Tree Size Adjustments

Minimum size of trees to be planted in tree grates will be adjusted to allow for high quality, 1.5" caliper trees (Addendum 2)

Ash Number adjustments

The number of ash trees to be removed and replaced will be adjusted to include 11 additional trees (Addendum 1)

Clarify Tree Removals in 4x4 cut outs

The 24 declining trees to be removed from 4x4 cutouts will be marked by the end of the week.

Species Substitutions

Contractor may suggest species substitutions for tree planting based on limited availability or poor-quality stock. The City must approve any substitutions as a change order. Various hybrid oaks may be utilized as ash replacements; all recommended tree species must be adaptable to the challenging urban landscape. No columnar trees should be considered.

Little Leaf Linden should be replaced in tree pits where noted without substitution.

Debris Removal

Contractor is responsible for all debris removal and disposal.

Davey Tree Conflict of Interest

Davey Tree Expert Company may submit a bid. Davey Resource Group is supporting the City RFP process however the City of Wildwood will independently select the Contractor based on the transparent process.

Bid Bond

No bid bond is required for this project.

Low Bid Mandate

The award does not require a low bid.

City Council Approval

Contract award will require City Council approval.

Prior Tree Removal Bids

The City has bid tree removal in the past.

Plan Holder List

Plan holder list is available upon request

Bid Summary Sheet Updates

The Bid Summary sheet will be edited to include price line items for soil as well as a total project amount. (Addendum 3)

Sealed Bid

Final proposal is due by 10am on January 30, 2019. The outside envelope of the bid package must be clearly labeled as "Wildwood Tree Project".