

REQUEST FOR PROPOSALS FOR PRUNING OF STREET TREES

Proposals for the pruning of street trees will be received by the Town of Greenville Parks, Recreation and Forestry Department, W6895-B Parkview Dr, PO Box 60, Greenville, WI 54942, at the Greenville Municipal Building until 4:00 pm on March 2, 2018. The proposals will be reviewed by the Town Forester with a final recommendation being made to the Town Board. After the proposals have been considered by the Town Board, a contract will be awarded to the successful contractor.

All proposals shall be submitted on Town proposal forms and be sealed in an envelope which will be plainly marked **“Proposal for Town of Greenville Street Tree Pruning - 2018”** and the name of the submitter.

Contractors must submit prices for the proposal in both unit and total price figures with unit prices prevailing. Proposal forms and specifications may be obtained via email from tnowak@townofgreenville.com, in person at the Greenville Municipal Building, W6895-B Parkview Dr., Greenville, WI 54942 or online at www.townofgreenville.com under Legal Notices & Postings/Bid Openings.

The Town of Greenville reserves the right to reject any and all proposals, make alterations to these specifications, and to accept the proposal deemed most advantageous to the Town of Greenville.

Dated this 15th day of February, 2018.

Tony Nowak, Director and Town Forester
Greenville Parks, Recreation & Forestry Department

I. DETAIL SPECIFICATIONS

A. Request for Proposals

The Town of Greenville, Wisconsin (hereinafter referred to as the "Town"), will receive sealed proposals from Contractors for pruning services identified in this solicitation. Proposals must be received by the date and time listed on the cover sheet. All proposals must be sent to the name and address on the cover sheet.

B. Objective

This contract is for the pruning of street trees within the Town of Greenville. The specifications contained herein detail how pruning activities shall improve the structure, safety, appearance and height clearance of these trees.

C. Qualifications of Contractors

The Contractor shall be required before the award of any contract to show to the complete satisfaction of the Town Forester that it has the necessary facilities, ability, and resources to provide the services specified herein in a satisfactory manner. The Contractor shall be required to give past history and references in order to satisfy the Town Forester in regard to the Contractor's qualifications. The Town Forester shall make reasonable investigations deemed necessary and proper to determine the ability of the Contractor to perform the work. The Town Forester reserves the right to reject any proposal if the evidence submitted by, or investigation of, the Contractor fails to satisfy the Town Forester that the Contractor is properly qualified to carry out the obligations of the contract and to complete the work described herein. Evaluation of the Contractor's qualifications shall include:

1. The ability, capacity, skill, and resources to perform the work or provide the service required.
2. The ability of the Contractor to perform the work or provide the service promptly or within the time specified, without delay or interference.
3. The character, integrity, reputation, judgment, experience, and efficiency of the Contractor.
4. The quality of performance of previous pruning contracts or services.

D. Insurance and Workers Compensation

The Contractor shall furnish evidence of all listed Workers Compensation, General Liability, Auto and Umbrella insurance coverages. Certificates of insurance shall be filed with the submitted proposal/contract forms with the Town of Greenville named as an “additional insured”.

Minimum limits of insurance shall be as follows:

- | | |
|---|------------------------|
| 1. <u>Workers’ Compensation Insurance</u> | |
| Each Accident/Employee | State Statutory Limits |
| Policy Limit | State Statutory Limits |
| 2. <u>General Liability Insurance</u> | |
| General Aggregate | \$1,000,000 |
| Each Occurrence | \$1,000,000 |
| Products-Completed Operations Aggregate | \$1,000,000 |
| Personal and Advertising Injury | \$1,000,000 |
| Each Occurrence (Bodily Injury and Property Damage) | \$1,000,000 |
| Fire Damage (Any One Fire) | \$100,000 |
| Medical Expense (Any One Person) | \$5,000 |
| 3. <u>Auto Liability Insurance</u> | |
| General Aggregate | \$1,000,000 |
| Each Occurrence | \$1,000,000 |
| 4. <u>Umbrella Liability</u> | |
| General Aggregate | \$1,000,000 |
| Each Occurrence | \$1,000,000 |

To the fullest extent permitted by law, the contractor shall indemnify and hold harmless the Town and its agents, against all injuries, deaths, strikes, losses, damages, claims, suits, liabilities, judgments, costs and expenses which may arise from any negligence of the contractor, its employees or subcontractors.

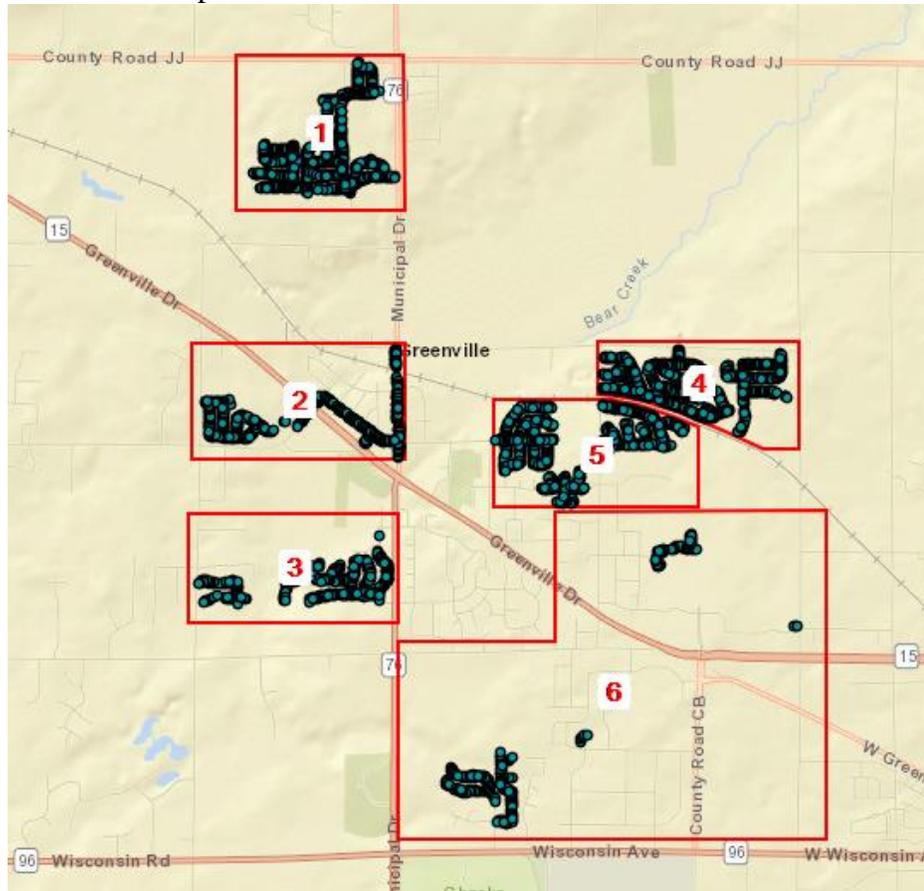
F. Street Trees for Pruning in 2018

Street trees to be pruned by the Contractor are all deciduous trees located in the right-of-way of Tree Management Zones 1, 5, 3 & 2 identified in the map below. Street trees are those located between the curb and sidewalk or, in most instances, where the sidewalk should be. The Town Forester will provide a detailed list and maps to the awarded Contractor of all trees to be pruned.

A detailed summary of trees to be pruned is available at the end of this document that includes streets, species and estimated quantities and sizes.

G. Map of Tree Management Zones

The map below shows the Tree Management Zones in Greenville. More detailed maps of the zones to be pruned are available at the end of this document.



H. Examination of Sections

Before submitting a proposal, each Contractor shall make all investigations and examinations necessary to ascertain all site conditions and requirements affecting the full performance of the contract. If the Contractor receives an award as a result of their proposal submission, failure to have made such investigations and examinations will in no way relieve the Contractor from their obligations to comply in every detail with all provisions and requirements of the contract documents. Nor will the Town accept a plea of ignorance of such conditions and requirements as a basis for any claim whatsoever by the Contractor for additional compensation.

I. Quantities

Whenever a proposal is sought seeking a request for services, the quantities shall be construed as estimates for the purpose of obtaining unit prices unless otherwise stated. The Town Forester reserves the right to increase or decrease the stated quantities to meet budgetary and forestry goals.

J. Award of Contract:

The Town reserves the right to reject any or all proposals and award multiple contracts as deemed advantageous to the Town.

The Town Forester will review the proposals and rank the contractors according to price, references, past experience, availability and ISA Certified Arborists. If the submitted unit price and the calculated extension price on the proposal sheet are at variance, the unit price shall prevail. The Town Forester will make a recommendation of award to the Town Board, who will approve and award the contract.

K. Pruning Specifications

1. Purpose and Intent

- a. All pruning shall follow the *American National Standards Institute (ANSI) A300 (Part 1) - 2001 Pruning Standard* and the International Society of Arboriculture's (ISA) *Best Management Practices: Tree Pruning (2002)* for the purpose of crown cleaning, crown thinning, crown raising, and structure development.
- b. All pruning shall improve the appearance of the trees, maintaining the crown shape and symmetry typical of the species at its given size and age with an emphasis on the following:
 1. Crown cleaning to remove all dead, dying, diseased, crowded, weakly attached and low-vigor branches **greater than 1/2" in diameter**.
 2. Crown thinning to selectively remove and/or prune branches back to large laterals to increase light penetration and air movement through the crown. After crown thinning, trees and branches shall have foliage and mechanical stress evenly distributed along a branch and throughout the crown. Not more than one-fourth of foliage on mature trees shall be removed.
 3. Crown raising to remove lower branches where practical (dependent on tree size) to obtain an eventual full foliage height clearance of fourteen (14) feet on the street side of the tree. All work shall always maintain the crown shape and symmetry typical of the species being pruned, and shall balance the tree evenly. This raising should also allow an eventual clearance over the pedestrian walk (or resident side of tree) of ten (10) feet. Pruning may include heading cuts on lower limbs or thinning cuts to lighten lower branch loads to achieve clearance if complete branch removal from the tree trunk is not practical.
 4. Pruning for structure in young trees (those with diameters 0-12") such that if a scaffold branch is large in diameter and competes with the leader, that this scaffold branch be headed back to a lateral and/or thinned to obtain a balanced crown shape overall.
 5. Pruning to remove all interior crowding branches, and one of all crossed or rubbing branches where practical so the removal thereof will not leave large holes in the general form of the tree.
 6. Pruning to remove one branch of all structurally weak "V" crotches occurring along the main trunk or developing within young tree crowns. Special attention shall be given to the effect removal of such branches will have on the ultimate form of the tree.
 7. Pruning to remove trunk suckers and water sprouts especially where they are present below the bottom one half (1/2) of the tree. Such branches that add to the shape of the tree above fifteen (15) feet may remain in mature trees that may not have an optimum tree crown or shape.
 8. Pruning for clearance of houses and buildings such that branches are a minimum of fifteen (15) feet from rooftops, and clear all streetlight and traffic control devices by ten (10) feet.

2. Pruning Cuts and Tools

- a. All final cuts shall be "collar cuts" made sufficiently close to the trunk or parent limb, without cutting into the branch collar or leaving a protruding stub, so that closure can readily begin under normal conditions. The face of the "collar cut" or wound area shall be circular in form. "Flush" cuts to the main stem behind the branch collar and that leave oval exposed wounds shall not be made. Cuts shall be made such that all wound sides are even edged and do not leave "dog ear" ridges on one side or another. Clean cuts shall be made at all times without leaving any stubs.
- b. All limbs to be removed shall be cut in such a manner so as to prevent any ripping or tearing of the wood or bark on the parent or remaining stem. Large limbs shall be cut using the three-cut pruning method. All limbs shall be brought to the ground in such a manner as to prevent any damage to real or personal property, publicly or privately owned.
- c. Proper tools for pruning shall be used for each cut. Blades of each tool, including hand pruners, pole saws, hand saws, and chain saws, shall be positioned to obtain a proper pruning cut. This shall be done in a way that will not cut, rip, or harm adjacent bark areas.
- d. No person working in trees shall use shoes with spikes, or any other footwear, which will, in the opinion of the Town Forester, injure the tree being pruned. At no time shall any person working in trees for pruning purposes, wear spurs or climbing irons.

3. Pruning of Oaks

In an effort to minimize the spread of oak wilt, the Town of Greenville has adopted a policy to prohibit the pruning or wounding of oaks (*Quercus* spp.) from April 1st to September 1st. Contractors should consider this in the proposal process and plan accordingly to adhere to this policy.

L. Site Appearance and Clean-Up

Pruned limbs and branches temporarily placed in the terrace area shall be placed in such a manner as to eliminate any obstruction to motor vehicles and pedestrians.

The Contractor shall clean up the site and remove and dispose of all debris at the end of each day's operation. Site cleanup shall include removal of sawdust, small twigs, chips, leaves, trunks and limbs from the street, curb, terrace, sidewalk, private lawns and driveways with the appropriate tools for the job. The site shall be returned to the same state it existed in prior to the pruning work. Under no circumstances shall any materials be allowed to lie on the terrace overnight.

M. Wood and Chip/Grinding Debris Disposal:

Disposal of wood chips and debris generated by work described within this contract shall be the responsibility of the Contractor and, if desired, can be dumped at the Town's yard waste site. The Contractor may deliver chips to the homes of Town residents as requested by the residents without charge, at a time convenient to the Contractor. Chips shall be dropped only on private property and not on the terrace or in the street. Logs left at the homeowner's request must be on the resident's property and not the terrace.

N. Damage to Public or Private Property

Should any damage to private or public property occur as a result of the service performed or work done by the Contractor, the Contractor shall immediately notify the Town Forester or other Town representative of such damage. Any correction of damage shall be resolved within ten (10) days after damage occurs. Should the damage not be rectified within the time frame agreed upon or to the satisfaction of the Town Forester, the Town reserves the right to repair or replace that which was damaged and assess the Contractor such costs as may be reasonable and related to damage caused by the Contractor, and deduct these costs from any payment due the Contractor.

O. Protection of Overhead Utilities

Tree pruning operations may be conducted in areas where overhead electric, telephone, and cable television facilities exist. The Contractor shall protect all utilities from damage, shall immediately contact the appropriate utility if damage should occur, and shall be responsible for all claims for damage due to his operation. The Contractor shall make arrangements with the utility for removal of all necessary limbs and branches that may conflict with or create a hazard in conducting the operations of this contract. If the Contractor has properly contacted the utility in sufficient time to arrange for the required work by the utility, delays encountered by the Contractor in waiting for the utility to complete its work shall not be the responsibility of the Contractor.

P. Contractor Personnel and Equipment

The Contractor shall supply all material, equipment and personnel necessary to complete the work specified. The Contractor shall rent equipment as needed to cover any equipment breakdowns that would cause this contract to not be completed in the allotted time period. All vehicles shall have the Contractor's name in a visible location to avoid possible parking tickets. All vehicles and equipment shall abide by the Traffic Control standards listed in Section AB.

All individuals shall be familiar with the pruning specifications identified in this document and shall be experienced in pruning operations. Competent individuals and not those in "training" shall perform actual pruning. The Town Forester or other Town representative shall have, throughout the life of the contract, the right of reasonable rejection and approval of staff assigned to the work by the Contractor. If the Town Forester rejects staff, the Contractor must provide replacement staff satisfactory to the Town Forester in a timely manner and at no additional cost to the Town. The day-to-day supervision and control of the Contractor's employees is the sole responsibility of the Contractor.

Q. Certified Arborist

At least one individual shall be on the job site at all times who has passed and received "Arborist Certification" from the ISA prior to the opening of the proposals. Their name(s) and certification number(s) shall be included in the proposal document to be considered for this project. Any change in the status of the "certified" individual(s) during the life of this contract shall be reported to the Town Forester at the time of occurrence. **Failure to have an ISA Certified Arborist on site at all times shall result in termination of the contract.**

R. Work Crew Supervision

The Contractor shall provide qualified supervision of each crew at all times while working under this contract. Each supervisor shall be fluent in English and be authorized by the Contractor to accept and act upon all directives issued by the Town Forester.

S. Starting and Completion Requirements

Work may begin immediately upon acceptance of a signed contract, or at a time mutually agreed upon by the Contractor and the Town Forester. The bulk of the work shall be completed prior to April 30th, 2018. Any trees not pruned in this time frame may be completed the following winter if authorized by the Town Forester. Once work has begun, the Contractor shall work successive workdays as is practical until the contract has been completed.

T. Contract Life

The contract life shall be from award through April 30th, 2019 or until all work is completed to the satisfaction of the Town. Additional work may be added to the original contract for 2018 or next winter and shall be completed at the original contract unit prices and documented through a change order.

U. Working Hours

The Contractor shall schedule work between the hours of 7:00 a.m. and 5:00 p.m., Monday through Friday, unless authorized by the Town Forester.

V. Report Submission

The Contractor will be provided access to an ArcGIS Online account to view maps and tree data as well as record progress and update records as needed. Any structural weakness, decayed trunk or branches, split crotches/branches or other defects in the tree will be noted. The Contractor shall also note any discrepancies in tree size and record the correct diameter.

W. Inspection of Work

All work shall be completed to the satisfaction of the Town Forester, or other Town representative, and same shall resolve any questions as to proper procedures or quality of workmanship.

X. Unsatisfactory Work

If, at any time during the contract, the service performed or work done by the Contractor is considered by the Town to create a condition that threatens the health, safety, or welfare of the community, the Contractor shall, on being notified either by written or oral notice, immediately correct such deficient service or work. In the event the Contractor fails, after notice, to correct the deficient service or work immediately, the Town shall have the right to order correction of the deficiency by separate contract or with its own resources at the expense of the Contractor. The Town reserves the right to terminate the whole or any part of this contract in the event the awarded Contractor fails to perform any of the provisions of this contract.

Y. Costs and Basis of Payment

The Contractor affirms and states that the prices submitted herein constitute the total cost to the Town for all work involved in the respective items. This cost also includes all insurance, royalties, transportation charges, use of all tools and equipment, supervision, overhead expense, inspection costs, all profits and all other work, services and conditions necessarily involved in the work to be done in accordance with the requirements of the Contract Documents considered separately and collectively.

The Contractor shall be paid for the work described herein on a per tree basis depending on the tree's size and the unit price for a given tree size. The tree diameter shall be measured with a standard tape at a point four and one-half (4-1/2) feet above the highest ground level at the tree. In cases of low-branching trees whose crotch is four and one-half (4-1/2) feet from the ground or lower, measurement shall be taken at the smallest diameter below the lowest branch. Discrepancies between actual diameters and those recorded in the Town's inventory should be made in writing weekly to the Town Forester for re-measurement. Partial payment shall be made to the Contractor as work progresses but, in no case, shall payment be made on trees not completed to the satisfaction of the Town Forester and in accordance with these specifications and accepted arboricultural practices. The contract unit prices shall remain firm for the contract term, or until all pruning work is complete.

Z. Liquidated Damages

The Town and Contractor recognize that time and work quality is of the essence to this contract. They also recognize the delays, expense and difficulties involved in a legal proceeding. Should the Contractor fail to complete the work as specified in this contract, the Contractor shall be liable to the Town for liquidated damages in the following amounts:

- 1) \$100.00 per day for failure to complete the work in the time frames required by this contract;
- 2) \$100.00 per day for failure to clean-up and restore each site as required by this contract;
- 3) \$100.00 for each tree improperly pruned or with incorrect pruning cuts such as flush cuts and tears.

AA. Safety Standards

All equipment to be used and all work to be performed shall be in full compliance with the most current revision of the ANZI Standard Z-133.1-2006, or as amended by written agreement.

AB. Traffic Control

The Contractor shall conduct its operations in a manner that will not interrupt pedestrian or vehicle traffic except as approved by the Town. The work area shall be confined to the smallest area possible to allow maximum use of the street or sidewalk and to reduce any hazard to traffic or pedestrians to a minimum. The Contractor shall provide adequate traffic control for work area protection in compliance with the Federal Highway Administration Manual on Uniform Traffic Control Devices for Streets and Highways, 1988 Edition, Revision 3. All personnel, signs, barricades, and any other items or devices necessary shall be provided by the Contractor. The Town shall make no separate payment for this work. Traffic control shall include but not be limited to the following:

1. Whenever possible, work vehicles shall be parked on the same side of the street as the work site. Vehicles shall park with right wheels to the curb or to the right edge of the right-hand shoulder.
2. Whenever possible the work site on a two lane street or highway shall be confined to one traffic lane leaving the opposite lane open to traffic.
3. Work area protection shall take into account the duration of the project, the size of the project, the lanes of traffic, the volume of traffic, the speed limit, and the distance to the work area from the pavement.
4. Work vehicles shall have the flasher light lit but not as a substitute for any traffic control devices for work area protection that may be necessary.
5. Under certain field conditions such as hills and curves, the spacing of the traffic control devices shall be adjusted as necessary.
6. Warning signs such as "Men Working" or "Tree Work Ahead" shall be diamond shaped having a black symbol or message on an orange reflective background. Such signs shall be 48 inches by 48 inches in size and shall be posted at a minimum height of 12 inches above the pavement.
7. Cones used as daytime channeling devices shall be at least 18 inches tall, conical or tubular in shape with a broadened base, and orange in color. Cones shall be spaced equal in feet to the posted speed limit or closer along the taper length.
8. Channeling devices shall be positioned to provide adequate taper length before the work area to guide traffic through the work area. Taper length can be calculated using the following formulas.

L = taper length in feet

W = width of lane closure in feet

S = posted speed limit

For streets of speed limit 40 mph or less $L = [W \times (S \text{ Squared})] / 60$

For streets of speed limit 45 mph or greater $L = W \times S$

9. Should individuals progress ahead of vehicles, such as tree climbers, cones shall be placed in the roadway to alert motorists of activity in those trees.
10. For lane closures on multilane highways, appropriate warning signs such as "Right Lane Closed" and channeling devices at the appropriate intervals shall be used depending on the speed limit.
11. Should complete street closure be required for a maximum of 8 hours on any given day in order to complete contract work, the Contractor shall notify the Parks, Recreation and Forestry and Public Works Departments, and the appropriate barricades (at least 3 Type II barricades at each intersection), "Road Closed" and "Detour" arrow signs used.
12. Workers shall be appropriately dressed (high visibility safety apparel, etc.) to alert motorists.

AC. Questions during the Proposal Process

All questions should be directed to:

Tony Nowak, Town Forester

Phone (920) 757-7266 and Cell (920) 585-7609

Email tnowak@townofgreenville.com

AD. Failure to Enforce

Failure by the Town at any time to enforce the provisions of the contract shall not be construed as a waiver of any such provisions. Such failure to enforce shall not affect the validity of the contract or any part thereof or the right of the Town to enforce any provision at any time in accordance with its terms.

AE. Proposal Form Submission:

Each Contractor shall submit the original proposal in a sealed envelope no later than the time and date specified on the cover sheet. Proposals received after the specified time shall be rejected and returned to the Contractor unopened. Each proposal shall contain all the information requested in section II to include:

1. Unit prices and extensions
2. A statement of the approximate number of personnel to be at the work site on a given work day and a list of equipment and ISA Certified Arborists to be used on the project.
3. Four (4) references who can attest to the Contractor's ability to fulfill this contract. Include names, addresses, phone numbers and email addresses. At least one (1) reference that can attest to the Contractor's previous satisfactory performance of a municipal or other governmental tree pruning contract is preferred.
5. Applicable insurance information supplied as required in Section D.
6. Signature blocks completed on pages 17 and 18.

II. PROPOSAL/CONTRACT FORM

Pages 13 -17 of this packet must be completed and returned by **4:00 pm on March 2, 2018** to the office of the Municipal Services Building in a sealed envelope marked:

“Proposal for Town of Greenville Street Tree Pruning – 2018”.

The undersigned Contractor offers to provide to the Town of Greenville street tree pruning services conforming to the specifications, terms and conditions set forth herein.

A. Unit Prices and Extensions for Street Tree Pruning

<u>Diameter</u>	<u>Estimated Quantities</u>	<u>Unit Price</u>	<u>Extension (Unit price times quantity)</u>
0-3”	84	\$_____	\$_____
4-6”	365	\$_____	\$_____
7-12”	189	\$_____	\$_____
13-18”	2	\$_____	\$_____
19-24”	0	\$_____	\$_____
25-30”	0	\$_____	\$_____
31-36”	0	\$_____	\$_____
36-42”	0	\$_____	\$_____
Total			\$_____

B. Personnel and Equipment

The approximate number of personnel who will be at the work site daily is _____

List of equipment _____

ISA Certified Arborist who shall be present every workday:

Name and number _____

Additional ISA Certified Arborists: Name and number _____

Name and number _____

Name and number _____

C. References

1. Company/Customer Name: _____
Contact Name and Phone: _____
Address: _____
City, State, Zip: _____
E-mail Address: _____
Type and Date of Work: _____

2. Company/Customer Name: _____
Contact Name and Phone: _____
Address: _____
City, State, Zip: _____
E-mail Address: _____
Type and Date of Work: _____

3. Company/Customer Name: _____
Contact Name and Phone: _____
Address: _____
City, State, Zip: _____
E-mail Address: _____
Type and Date of Work: _____

4. Company/Customer Name: _____
Contact Name and Phone: _____
Address: _____
City, State, Zip: _____
E-mail Address: _____
Type and Date of Work: _____

***THIS PROPOSAL WHEN ACCEPTED AND SIGNED BY AN AUTHORIZED SIGNATORY OF THE TOWN OF GREENVILLE SHALL BECOME A CONTRACT BINDING UPON BOTH PARTIES.

Entire Block Must Be Completed When A Submitted Proposal Is To Be Considered For Award

CONTRACTOR:	
_____	Date: _____
Company Name	_____
_____	Email Address
Street Address of Company	_____
_____	Contact Name (Print)
City, State, Zip	_____
_____	24-Hour Telephone
Business Phone	_____
_____	Signature of Officer, Partner or Sole Proprietor
Fax	_____
_____	Print Name & Title
ATTEST: If a Corporation	

Signature of Corporation Secretary	

TOWN OF GREENVILLE:

_____	ATTEST:
Authorized Signature	_____
_____	Signature of Town Clerk
Title	_____
_____	Date
Date	_____

In compliance with the specifications, the undersigned offers and agrees, if this Proposal is accepted within **90** calendar days from the date of opening, to furnish any or all of the services upon which prices are quoted, at the price set opposite each item, delivered at the designated point within the time specified above.

(TOWN OF GREENVILLE COPY)

***THIS PROPOSAL WHEN ACCEPTED AND SIGNED BY AN AUTHORIZED SIGNATORY OF THE TOWN OF GREENVILLE SHALL BECOME A CONTRACT BINDING UPON BOTH PARTIES.

Entire Block Must Be Completed When A Submitted Proposal Is To Be Considered For Award

CONTRACTOR:	
_____	Date: _____
Company Name	_____
_____	Email Address
Street Address of Company	_____
_____	Contact Name (Print)
City, State, Zip	_____
_____	24-Hour Telephone
Business Phone	_____
_____	Signature of Officer, Partner or Sole Proprietor
Fax	_____
_____	Print Name & Title
ATTEST: If a Corporation	

Signature of Corporation Secretary	

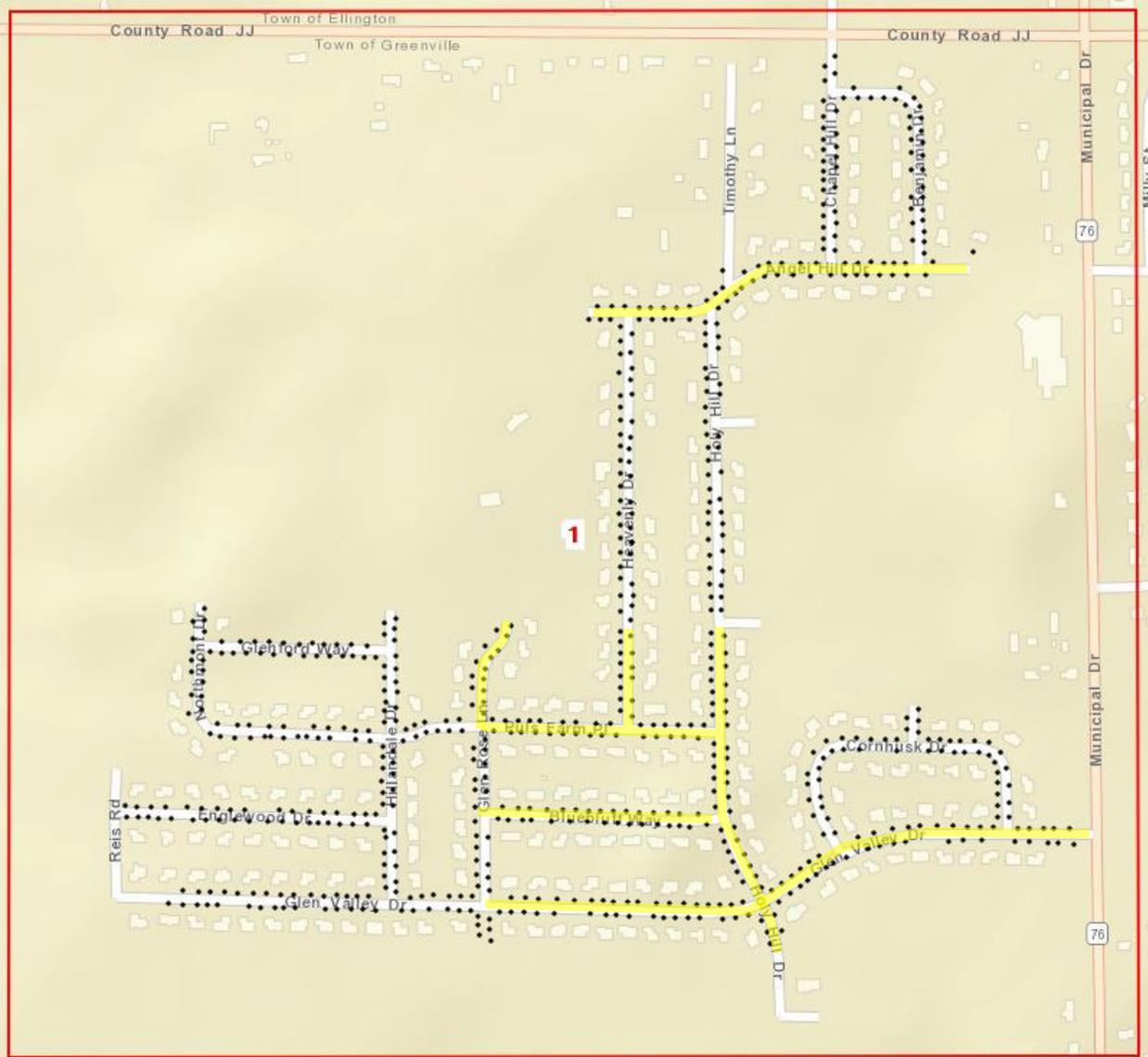
TOWN OF GREENVILLE:

_____	ATTEST:
Authorized Signature	_____
_____	Signature of Town Clerk
Title	_____
_____	Date
Date	_____

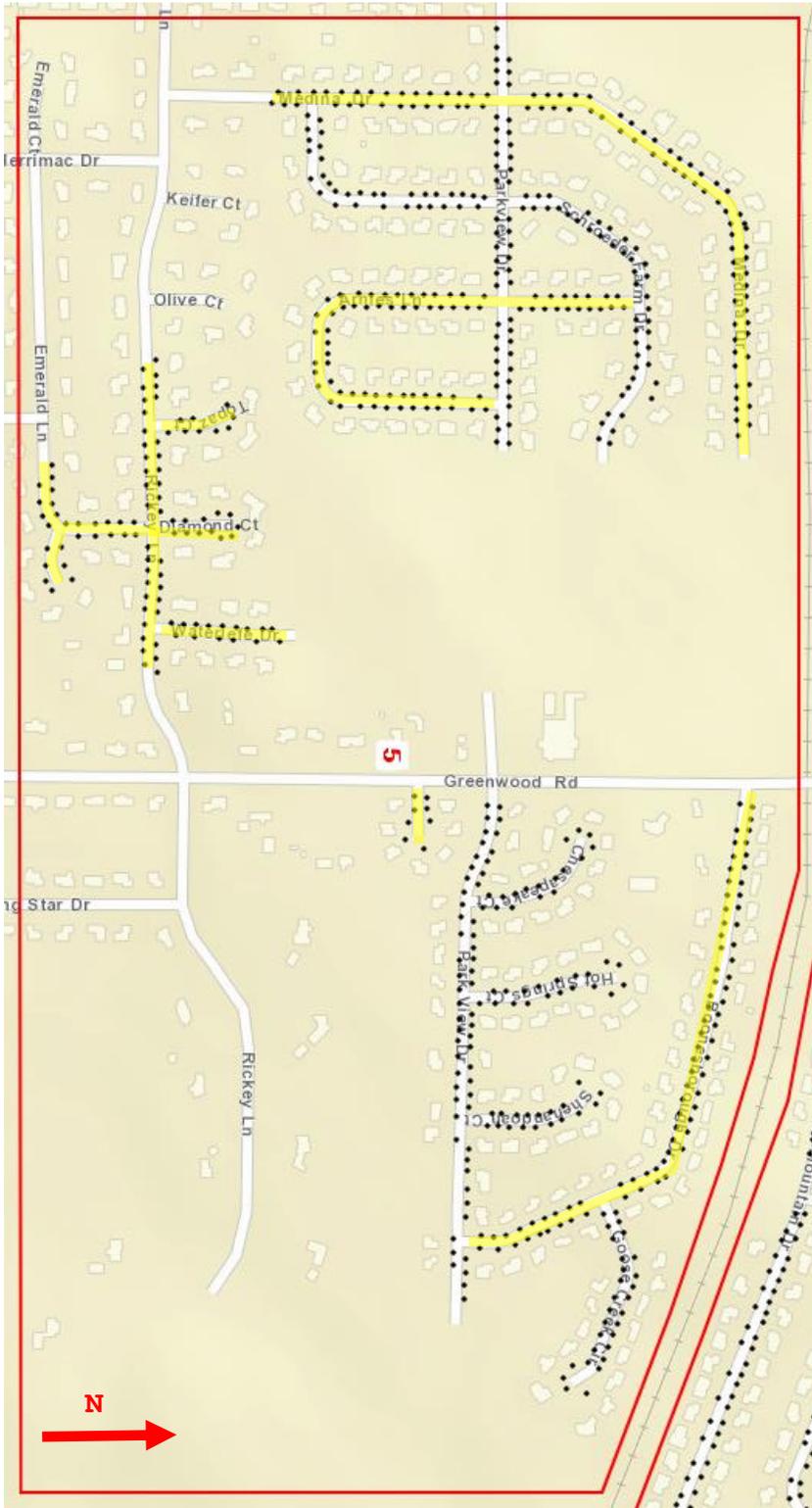
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(CONTRACTOR COPY)

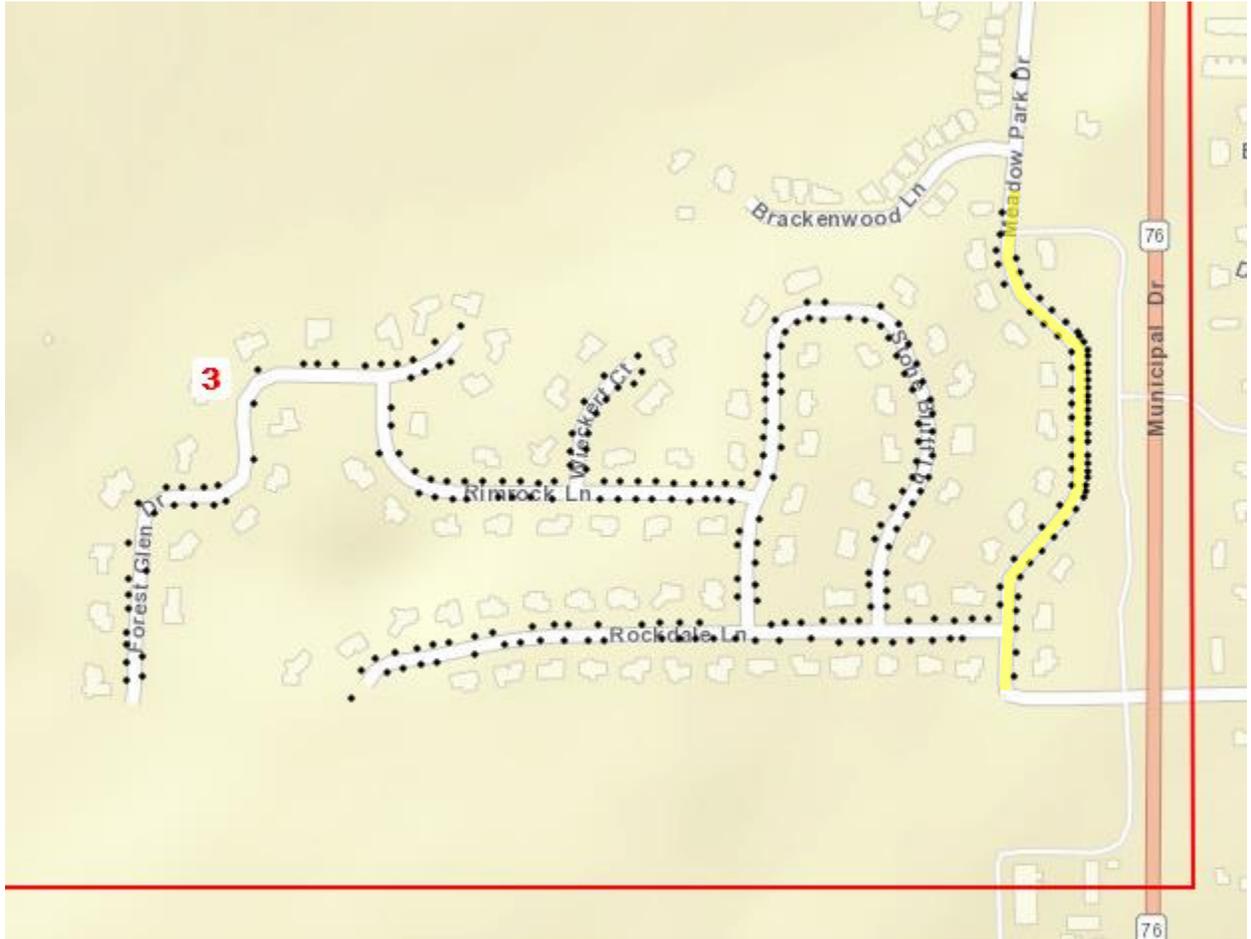
Zone 1 Map:



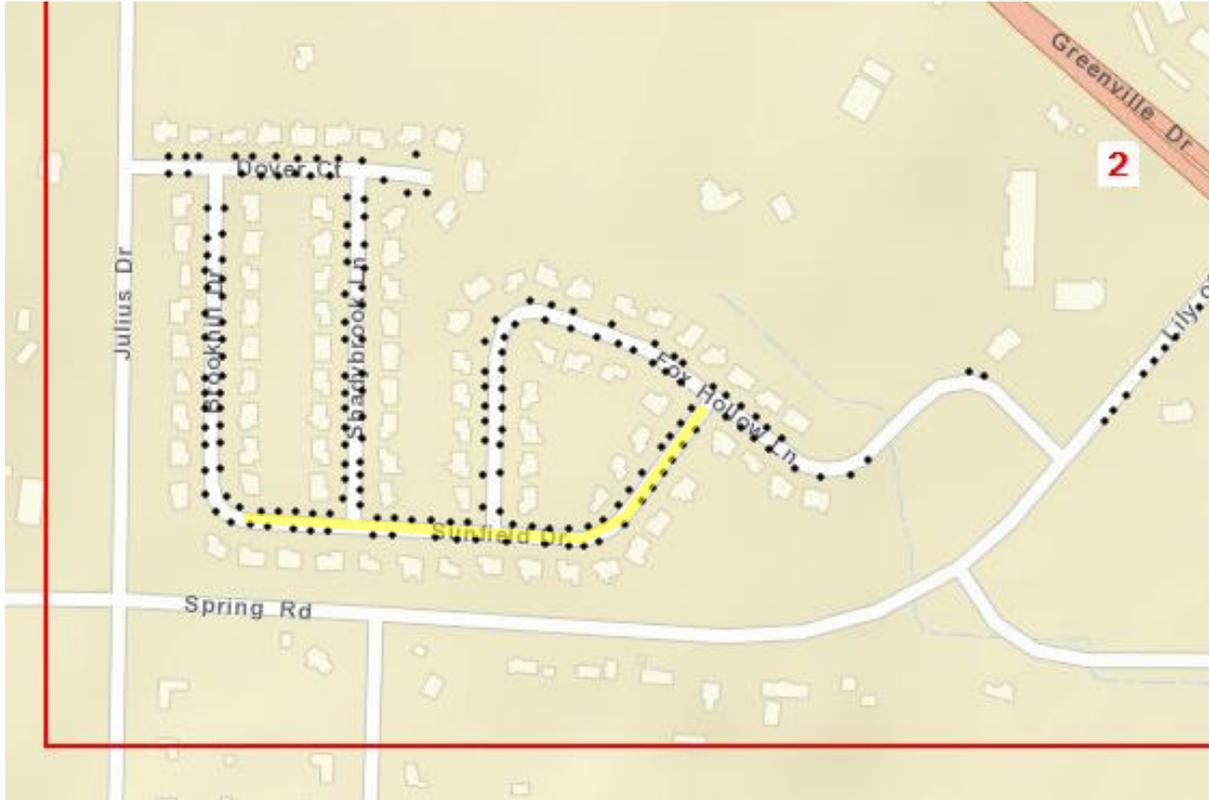
Zone 5 Map:



Zone 3 Map:



Zone 2 Map:



Summary of Trees to be Pruned:

Zone	Street	From	To	Species	Quantity	Size				
						0-3"	4-6"	7-12"	13-18"	
1	Glen Valley Dr.	Hwy 76	Holy Hill Dr.	Hybrid Elm	41	5	20	16	0	
			Holy Hill Dr.	Glen Rose Ln.	Honeylocust	34	13	16	5	0
		Bluebluff Way			Hybrid Elm	31	6	15	10	0
		Puls Farm Pl	Holy Hill Dr.	Glen Rose Ln.	Freeman Maple	29	3	16	10	0
		Glen Rose Ln	Puls Farm Pl.	north	Norway Maple	14	4	7	3	0
		Angel Hill Dr.			Hybrid Elm	43	4	27	12	0
		Holy Hill Dr.	Puls Farm Pl.	Fulton	Hackberry	15	1	10	4	0
			Puls Farm Pl.	Glen Valley Dr.	Norway Maple	28	8	14	6	0
		Heavenly Dr.	Puls Farm Pl.	north	Yellowwood	15	2	11	2	0
	5	Boonesborough Dr.	Greenwood Rd.	Goose Creek Cir	Hackberry	44	2	31	11	0
			Goose Creek Cir	Parkview Dr.	Honeylocust	25	0	18	7	0
		Brandon Ct.			Amur Corktree	8	1	4	3	0
		Rickey Ln.	Diamond Ct.	west	Freeman Maple	16	0	0	16	0
			Diamond Ct.	east	Honeylocust	16	1	12	3	0
		Topaz Ct.			Shatung Maple	9	1	0	8	0
		Diamond Ct.			Yellowwood	9	0	4	5	0
		Watelefe Dr			American Linden	12	1	8	3	0
		Emerald Ln.			Yellowwood	16	5	6	5	0
		Rhinestone Ct.			Hybrid Elm	7	0	0	5	2
	Medina Dr.	Parkview Dr.	south	Hackberry	23	3	18	2	0	
		Parkview Dr.	curve	Kentucky Coffeetree	28	4	20	4	0	
		curve	east	Hybrid Elm	25	0	12	13	0	
	Arnies Ln	Parkview Dr.	Parkview Dr.	Honeylocust	54	2	30	22	0	
		Parkview Dr.	Schroeder Farm Dr.	Amur Corktree	15	3	9	3	0	
3	Meadow Park Dr.			Honeylocust	35	10	25	0	0	
2	Sunfield Dr.	Fox Hollow Ln.	Brookhill Dr.	Honeylocust	48	5	32	11	0	
						640	84	365	189	2