

GRANT AGREEMENT

THIS AGREEMENT, made and entered into on the _____ day of _____, 2024 by and between the **LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT**, an Urban County Government of the Commonwealth of Kentucky, created pursuant to KRS Chapter 67A (hereinafter "Government"), and **Trees Lexington!, Inc.** (Hereinafter "Organization"), with the mailing address of 1105 Richmond Road, Lexington, Kentucky 40502.

WITNESSETH:

WHEREAS, the Urban County Council created the Lex Grow Trees Grant Program to provide local funding to certain eligible property owners and organizations as reimbursement for eligible activities, such as tree planting, tree maintenance, tree education, and the development of tree advocates and stewards.

WHEREAS, the Government finds that such a grant program would provide a benefit to the public through improvements to air and water quality, energy savings, and habitat and conservation in the urban county; and

WHEREAS, Organization has applied for a grant from the Lex Grow Trees Grant Program, and the Tree Canopy Ad Hoc Committee has approved the application.

NOW FOR AND IN CONSIDERATION OF THE MUTUAL PROMISES AND COVENANTS HEREIN EXPRESSED, GOVERNMENT AND ORGANIZATION AGREE AS FOLLOWS:

1. **Amount of Grant.** Government hereby grants Organization the sum not to exceed \$86,655.00 as reimbursement or prepayment (as provided in Section 2) for the activities described in the Organization's application, which is attached hereto and incorporated herein by reference as Exhibit A, and which is further clarified and authorized in the Application Review, Scoring, and Determination Form, which is attached hereto and incorporated by reference as Exhibit B.
2. **Payments.** Government shall pay the Organization for expenditures the Organization actually incurred, or for expenditures made within thirty days after payment by Government, up to the total amount provided above, only after receipt of an invoice. The funds are limited to the services provided herein and may not be spent by the Organization for any other purpose without the prior written consent of Government. Any invoice must include evidence satisfactory to Government to document entitlement to payment, as well as a progress report. If Organization receives funds under this Agreement for expenditures made after receipt of the grant funds, Organization shall also provide evidence satisfactory to Government that the expenditure was made. Failure to provide any evidence required by this section shall require the Organization to repay grant funds.
3. **Compliance with Program Regulations.** As a condition for receipt of funds provided by this grant, Organization agrees that it has complied with and will continue to comply with all requirements provided in the Lex Grow Trees Grant Program guidelines, attached hereto and incorporated herein by reference as Exhibit C, in any grant approval letter provided by the Division of Environmental Services, and in the Application Review, Scoring, and Determination Form (Exhibit B). Failure to comply with these requirements may result in denial of funds or repayment.

4. **Final Report Required.** A final report must be submitted within 30 days of completion of the project. This report shall include:
- a. A description of the project and the benefits derived from its implementation;
 - b. Locations of trees planted, including species;
 - c. Locations of trees pruned or maintained, including species;
 - d. Information about events hosted, including topic, location, numbers of attendees, and photographs taken during the events;
 - e. A maintenance plan, if appropriate, or documentation of having maintenance discussions with individual property owners;
 - f. A summary table comparing the project budget to actual expenditures, along with supporting documentation; and
 - g. Sample outreach and/or educational materials used.
5. **Conflict.** To the extent that there is any conflict between or among this Agreement and any of its Exhibits, the terms and provisions of this Agreement shall prevail, followed by terms and provisions of Exhibit "C", then "B", then "A" in that order.
6. **Amendments.** By mutual agreement, the parties to this Agreement may, from time to time, make written changes to any provision hereof. Organization acknowledges that Government may make such changes only upon approval of its legislative authority, the Lexington-Fayette Urban County Council, and the signature of its Mayor.
7. **Entire Agreement.** This Agreement shall constitute the entire agreement between the parties and no representations, inducements, promises or agreements, oral or otherwise, which are not embodied herein shall be effective for any purpose. This Agreement shall replace any previous agreement between the parties on the same subject matter.

IN WITNESS WHEREOF, the parties have executed this Agreement at Lexington, Kentucky, the day and year first above written.

LEXINGTON-FAYETTE URBAN
COUNTY GOVERNMENT

BY: _____
LINDA GORTON, MAYOR

ATTEST:

Clerk of the Urban County Council

TREES LEXINGTON! Inc.
Organization Name (Printed)

BY: [Signature]
Signature

President
Title

Nancy M. Barnett
WITNESS SIGNATURE

Nancy M. Barnett
WITNESS PRINTED NAME

June 6, 2024
DATE

EXHIBIT A

ORGANIZATION'S APPLICATION

Form Name:	Lex Grow Trees Grant Application
Submission Time:	April 26, 2024 12:19 pm
Browser:	Chrome 124.0.0.0 / Windows
IP Address:	184.53.32.60
Unique ID:	1219350360
Location:	37.751, -97.822

Lex Grow Trees Grant Application

Organization information

Name of organization	Trees Lexington!, Inc.
Street address and zip code	1105 Richmond Rd 40502
Email	info@treeslexington.org
Phone	(859) 230-7584

Contact information

Contact person name	Michael Potapov
Contact person title	President, Board of Directors
Contact person phone number	(859) 230-7584
Contact person email address	michael@treeslexington.org

Project information

Upload a PDF packet with the project narrative, scope of work and community objectives.	https://drive.google.com/uc?id=1uxllsYLMdT-HuVrLBz4L0xHw0XcNK0V4&export=download&display=/1219350360TreesLexingtonInc._tl_lgt_narrative_final.pdf
Project start date	Jun 03, 2024
List milestone dates	Various, by project.
Expected completion date	Jun 30, 2026
Upload a document with the project budget and explanation	https://drive.google.com/uc?id=1SCGu2ms_4TDDL9MgLofT_21EVJByredn&export=download&display=/1219350360TreesLexingtonInc._tl_lgt_budget.pdf
Are you willing to accept partial funding?	Yes
List the address/addresses and Council District where the project is located. Find the Council District at lexingtonky.gov .	African Cemetery No. 2, 419 E. 7th Street - District 1 Oakdale Apartments, 2445 Mulundy Way - District 2 Various other sites for education and outreach across Lexington.

Supplemental material

Combine and upload a minimum of three color photographs of the project area.

https://drive.google.com/uc?id=1rul7mbhh7FEn1JN74GtJHoOGnQe-ROnz&export=download&display=/1219350360TreesLexingtonInc._ac2_and_oadale_images.pdf

Upload a map of the proposed project location (this can be a screenshot of a map but the project site must be identified).

https://drive.google.com/uc?id=1mk5Cqz2We-5vBSegMBhVbbyIOBV7RFTQ&export=download&display=/1219350360TreesLexingtonInc._ac2_and_oadale_tree_canopy_screenshots.pdf

Combine and upload any other supporting documents or letters of support.

https://drive.google.com/uc?id=1mPp7Vg2ljgvZ2JEI8mJpR_EcpGVQT6QL&export=download&display=/1219350360TreesLexingtonInc._beargrass_trees_lexington_support_letter_4.24.2024.pdf

SUPPLEMENTAL MATERIAL

Four images of African Cemetery No. 2



Looking Up to 7th Street From the Top of Section F. Section A is Immediately Ahead



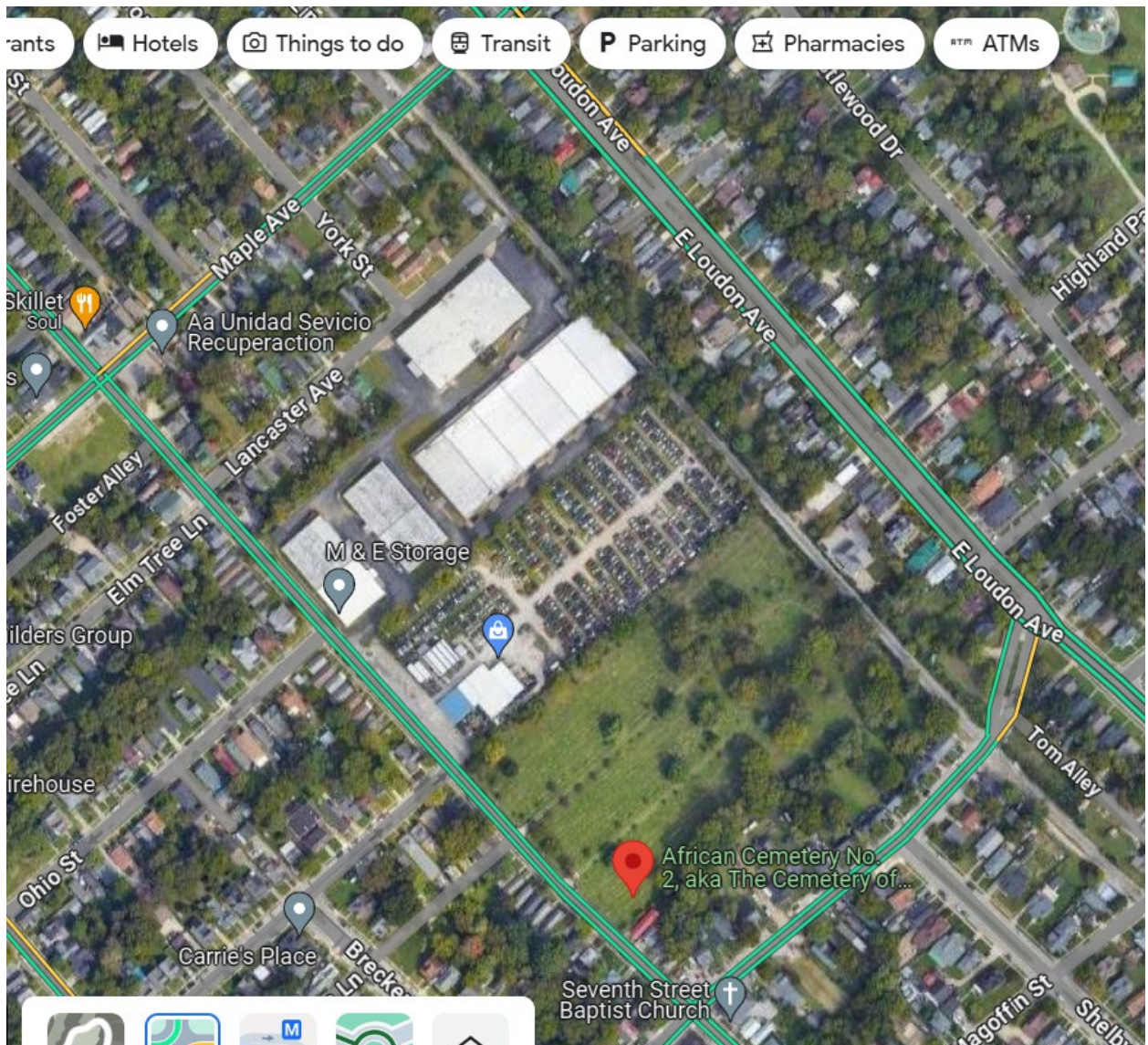
Looking Down From 7th Street Into Section B



Looking From the Top of Section F
Approximately North → South Through
Section A, B, and C



Photo Shoot in African Cemetery No. 2 By
the KY Tourism Bureau for Updates to
Their Website.



Google Maps View of African Cemetery No. 2 Between E. Loudon Ave and E. 7th St.

CURRENT SPECIES PRESENT IN AFRICAN CEMETERY NO. 2

American Beech	Eastern Red Cedar	Shumard Oak
American Chestnut	Eastern Redbud	Silky Dogwood
American Elm	Eastern White Pine	Silver Maple
American Holly	Flowering Dogwood	Slippery Elm (?)
American Hornbeam	Freeman's Maple	Southern Magnolia
<i>American Hophornbeam</i>	Fringe Tree	Spicebush
<i>(On order)</i>	Ginkgo	Sugar Maple
American Larch	Gray Dogwood	Swamp Chestnut Oak
American Plum	Green Ash	Swamp White Oak
American Smoketree	Hazelnut	Sweetgum
American Sycamore	Honey Locust	Umbrella Magnolia
American Yellowwood	Kentucky Coffeetree	Virginia Pine
Bald Cypress	London Plane Tree	Washington Hawthorn
Basswood (Linden)	Mimosa (Persian Silk Tree)	Weeping Willow
Bigleaf Magnolia	Northern Hackberry	White Ash (Purple Ash)
Bitternut Hickory	Northern Catalpa	White Mulberry
Black Cherry	Northern Red Oak	White Oak
Black Gum (Tupelo)	Northern White Cedar	Willow Oak
Black Locust	(Arborvitae)	Winterberry
Black Oak	Norway Spruce	Witch Hazel
Black Jack Oak	Ohio Buckeye	Yellow Birch
Black Willow	Osage Orange	Yellow Buckeye
Black Walnut	Overcup Oak	Yellow Poplar (Tulip Tree)
Blue Ash	Pagoda Dogwood	
Blue Spruce	(Alternate Leaf Dogwood)	
Bottlebrush Buckeye	Paw Paw	
Box Elder	Pecan	
Bur Oak	Persimmon	
Butternut (White Walnut)	Plum spp.	
Carolina Buckthorn	Pond Cypress	
Cherrybark Oak	Red Maple	
Chestnut Oak	Red Mulberry	
Chinese Chestnut	River Birch	
Chinquapin Chestnut	Rough-Leaved Dogwood	
Chinquapin Oak	Sargent Crabapple	
Chokecherry	Sassafras	
Common Crape Myrtle	Scarlet Oak	
Common Juniper	Serviceberry (Smooth)	
Corkscrew Willow	Serviceberry (Downy)	
Dwarf Hackberry	Shellbark Hickory	
Eastern Hemlock	Shingle Oak	

NATIVE TREE SPECIES ABSENT FROM AFRICAN CEMETERY NO. 2

Drummond's Red Maple	Waxy-fruited Hawthorn	Eastern Cottonwood
Black Maple	Large-fruited Hawthorn	Big-toothed Aspen
Striped Maple	Little-hip Hawthorn	Swamp Cottonwood
Mountain Maple	One-flower Hawthorn	
	Green Hawthorn	Chickasaw Plum
Hercules-Club		Hortulana Plum
Sweet Birch	Wahoo	Mexican Plum
Smooth Southern-	Pumpkin Ash	Wild Goose Plum
Buckthorn	Water Locust	
	Carolina Silverbell	Common Hop-Tree
Water Hickory		
Southern Shagbark	Mountain Holly	Southern Red Oak
Hickory	Swamp Holly	Water Oak
Pignut Hickory		Post Oak
Red Hickory	Cucumber Magnolia	
Shagbark Hickory	Fraser Magnolia	Lance-leaved Buckthorn
Sand Hickory	Pyramid Magnolia	
Mockernut Hickory		Carolina Willow
	Sweet Crab	Diamond Willow
Sugarberry	Prairie Crab	Sandbar Willow
Sweet Pepperbush		
Rough-Leaved Dogwood	Swamp Tupelo	Bladdernut
	Swamp Gum	Mountain Stewartia
Barberry Hawthorn	Sourwood	American Snowbell
Pear Hawthorn		Bigleaf Snow Bell
Scarlet Hawthorn	Short-leaf Pine	White Basswood
Cockspur Hawthorn	Pitch Pine	
Fan-leaf Hawthorn		Winged Elm
Biltmore Hawthorn	Water Elm	September Elm
Downey Hawthorn	Balsam Poplar	Rock Elm

Oakdale Apartments Tree Planting Phase 2 Opportunities





**Census Block Groups 2020:
210670003002**

Herbaceous %	20%
Shrub %	1%
Total Possible Planting Area %	20%
Tree Canopy %	27%
NatureScore™	36
Impervious - Under Tree Canopy %	2%
Impervious %	51%
Bare Soil/Dry Vegetation %	0%
Water %	0%
Urban Tree Canopy (2022)	29%
Urban Tree Canopy (2020)	25%
Urban Tree Canopy (2012)	22%
Tree Canopy Change (2012-2020)	4%
Tree Canopy Change (2012-2022)	7%
Tree Canopy Change (2020-2022)	3%
Unsuitable Planting Area % (Veg)	0%

Zoom To



**Census Block Groups 2020:
210670037041**

Herbaceous %	43%
Shrub %	2%
Total Possible Planting Area %	45%
Tree Canopy %	11%
NatureScore™	38
Impervious - Under Tree Canopy %	1%
Impervious %	42%
Bare Soil/Dry Vegetation %	1%
Water %	0%
Urban Tree Canopy (2022)	12%
Urban Tree Canopy (2020)	12%
Urban Tree Canopy (2012)	14%
Tree Canopy Change (2012-2020)	-2%
Tree Canopy Change (2012-2022)	-2%
Tree Canopy Change (2020-2022)	0%
Unsuitable Planting Area % (Veg)	0%

[Zoom To](#)



April 24, 2024

Trees Lexington!
P.O. Box 1046
Lexington, KY 40588

Dear **Trees Lexington!**

We were so proud to partner with **Trees Lexington!** on our tree planting event in November 2023. Thanks to your efforts, our community, **OAKDALE APARTMENTS**, now has 32 beautiful and healthy trees that will provide shade, beauty, wildlife habitat, erosion control, and other environmental benefits for years to come. We are delighted to see the transformation of our landscape and the positive impact it has on our residents and visitors.

We enthusiastically support your mission of enhancing the urban tree canopy and improving quality of life in Lexington. We would love to collaborate again on additional plantings, should the opportunity arise. Our community could greatly benefit from increased tree canopy and enhanced erosion control. Conservative estimates suggest our community could support at least eighty (80) more trees.

We are forever grateful for the enriching experience you have provided for us and our community, and look forward to more successful planting projects in the future!

Sincerely,

Jeremy Dyer

Bearthgrass Development

Trees Lexington!

Lex Grow Tree Grant Proposal Budget

Summary Budget	Program Cost
African Cemetery No. 2	\$ 31,245.00
Oakdale Apartments Tree Planting	\$ 26,136.00
Community Engagement Initiative	\$ 14,280.00
Tree Stewards Program	\$ 15,300.00
Tree Marketing Materials	\$ 12,800.00
Total:	\$ 99,761.00

African Cemetery No. 2	Qty./Hrs.	Cost	Subtotal
Trees B&B Installed	15	\$ 500.00	\$ 7,500.00
Trees 3-gallon	85	\$ 25.00	\$ 2,125.00
Tree diapers - 48 in.	15	\$ 55.00	\$ 825.00
Tree diapers - 24 in.	85	\$ 21.00	\$ 1,785.00
Dimex tree protectors	100	\$ 1.70	\$ 170.00
Project Management	80	\$ 30.00	\$ 2,400.00
Arboretum Application	8	\$ 30.00	\$ 240.00
Tree Maintenance - 2 years	160	\$ 25.00	\$ 4,000.00
Educational Workshops	8	\$ 200.00	\$ 1,600.00
Videography	2	\$ 1,000.00	\$ 2,000.00
Tree Signs & Stakes	120	\$ 30.00	\$ 3,600.00
Arboretum Entrance Signs	2	\$ 2,500.00	\$ 5,000.00
Total:			\$ 31,245.00

Marketing Materials	Qty./Hrs.		
Development of concept and language	160	\$ 30.00	\$ 4,800.00
Focus groups and community reviews	60	\$ 30.00	\$ 1,800.00
Marketing materials graphic design	1	\$ 3,000.00	\$ 3,000.00
Printing	1	\$ 2,000.00	\$ 2,000.00
Outreach and materials delivery	40	\$ 30.00	\$ 1,200.00
Total:			\$ 12,800.00

Oakdale Apartments Phase 2	Qty./Hrs.	Cost	Subtotal
Trees B&B Installed	30	\$ 500.00	\$ 15,000.00
Trees 3-gallon	50	\$ 25.00	\$ 1,250.00
Dimex Tree Protectors	80	\$ 1.70	\$ 136.00
Planting Design	1	\$ 1,800.00	\$ 1,800.00
Project Management	50	\$ 30.00	\$ 1,500.00
Volunteer engagement - food, children's activities	1	\$ 750.00	\$ 750.00
Event marketing	1	\$ 500.00	\$ 500.00
Tree maintenance - 2 years	100	\$ 25.00	\$ 2,500.00
Tree diapers - 48 in.	30	\$ 55.00	\$ 1,650.00
Tree diapers - 24 in.	50	\$ 21.00	\$ 1,050.00
Total:			\$ 26,136.00

Tree Stewards Program	Qty./Hrs.	Cost	Subtotal
Workshop Development & Preparation	80	\$ 30.00	\$ 2,400.00
Marketing & Participant recruitment	120	\$ 30.00	\$ 3,600.00
Monthly workshops - 2 years	24	\$ 200.00	\$ 4,800.00
Soil knives/pruners/sheath	60	\$ 75.00	\$ 4,500.00
Total:			\$ 15,300.00

Community Engagement	Qty./Hrs.	Cost	Subtotal
Proactive outbound calls offering to present	240	\$ 30.00	\$ 7,200.00
Presentation Development	20	\$ 30.00	\$ 600.00
Bi-monthly for 2 years	48	\$ 60.00	\$ 2,880.00
Food & Beverage	48	\$ 75.00	\$ 3,600.00
Total:			\$ 14,280.00



Organization: Trees Lexington!, Inc., Nonprofit, 501(c)(3)

Address: PO Box 1046 Lexington, KY 40588

Website: www.treeslexington.org Email: info@treeslexington.org

Contact Person: Michael Potapov, President, Board of Directors

Email: michael@treeslexington.org Phone: (859) 230-7584

Proposal

Trees Lexington is a non-profit that empowers community members to dig in to the fun and fulfilling work of expanding and maintaining our local tree canopy. Through community tree plantings, tree giveaways, and educational workshops on proper tree care, Trees Lexington increases canopy cover, improves the health of our citizens, and preserves the character of our city.

Trees Lexington is seeking funding to execute a multi-faceted program of tree planting, tree maintenance, education, and engagement with a focus on tree equity in areas historically underrepresented and low in tree canopy coverage.

If awarded, project planning and preparation can begin promptly in late summer, early fall. The planting portion will take place in late fall 2024 and early spring 2025. Community engagement, Tree Stewards educational events, and tree maintenance activities will take place over the 2-year period of the grant. Please see the details of each item for additional information.

Summary Budget	Program Cost
African Cemetery No. 2	\$ 31,245.00
Oakdale Apartments Tree Planting	\$ 26,136.00
Community Engagement Initiative	\$ 14,280.00
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Tree Marketing Materials	\$ 12,800.00
Total:	\$ 99,761.00

African Cemetery No. 2

Located in District 1, this is the earliest recorded cemetery in Lexington to be organized, owned, and managed by African Americans. It began in 1869 and burials continued until 1976. The

people buried here were important figures in Lexington including KY Derby-winning jockeys and trainers, USCT soldiers, and founders of the Colored Orphan Home. Like many private cemeteries it was not endowed and with the death of its founding members in Union Benevolent Society No. 2 (from which the cemetery gets its name) the cemetery became urban wasteland. It was declared abandoned on April 17, 1973. City government claimed ownership and surveyed graves in the cemetery in 1973 in anticipation of planned development; the revelation that there were over 5000 burial sites precluded that use (there are at least 7600 known burials).

In March 1979, the Rev. H. Greene organized a nonprofit group as African Cemetery No. 2, Inc. to reclaim the landscape. The cemetery was cleaned and renovated in 1980 and African Cemetery No. 2, Inc. was deeded the property in May 1981.

The nonprofit was reorganized in 1995 and restoration, historic preservation, and cultural activities have continued since. The site was listed on the National Register of Historic Places in 2004. It is the home of Lexington's longest running Juneteenth Celebration, and won an award for landscaping from the Bluegrass Trust in 2023.

AN EVOLVING MISSION

Since 2017 African Cemetery No. Inc. has recognized that preserving and promoting the historical significance of Lexington's African American community is critical, but the cemetery also plays a valuable role as urban greenspace in a residential area. The Google Maps view of the cemetery shows that it has extensive canopy in some sections with mature trees, but there are opportunities for greater plantings in approximately 60% of the cemetery.

During the cemetery's renovation in 1980 the focus was on ease of maintenance rather than tree cover. Consequently, the overall design was that of a 'lawn cemetery,' which has minimum ecological value as wildlife habitat and for the surrounding community. Mature trees (predominantly Black Locust, Black Walnut, Northern Hackberry, and Wild Cherry) were not replaced or removed as they died. This meant the tree canopy in African Cemetery No. 2 was actually decreasing with time. As indicated in Lexington's 'Tree Canopy Assessment,' District 1, where the cemetery is found, lost eight acres of tree canopy between 2010 and 2020.

However, a major tree planting campaign by Town Branch Tree Experts (now Bartlett Tree Experts) was funded by LFUCG in 2017 to help reverse this process. Tree diversity in African Cemetery No. 2 was substantially increased with a major focus on native tree species. Because so many of these trees are quite young, African Cemetery No. 2 is at an ideal place and time to incorporate increased tree canopy with enhanced tree stewardship at a site of historical significance that benefits from increased visitation and provides service to the community.

SCOPE OF WORK

There are 5 key objectives in this proposal.

1. Increase native tree representation to 75% of known Kentucky species (www.naturepreserves.ky.gov).

2. Increase tree density 20% from approximately 50/acre to 60/acre (approximately 100 trees).
3. Prepare and submit an application for formal accreditation as a Class I arboretum (arbnet.org/accreditation)
4. Permanently identify signature tree species with markers and develop historically relevant content for sponsored and independent tree walks.
5. Conduct training sessions for mulching, pruning, and other tree stewardship activities.

Trees Lexington, in collaboration with African Cemetery No. 2, Inc., will develop a centralized location in Lexington's East End where the types of trees, their benefits, and stewardship can be demonstrated in a location for which the draw of visitors for urban forestry will promote exposure to a significant feature of Lexington's past as the city approaches its 250th anniversary.

The Scope of Work centers on increasing tree diversity with native species, increasing tree density to ensure canopy closure in designated areas, and developing educational signage and programming that will inform visitors to the cemetery. These main activities will facilitate additional goals such as justifying arboretum accreditation, providing space for training, and creating opportunities for visitors to assist maintaining this historic site.

An overarching benefit of investing in the afforestation of African Cemetery No. 2 is creating an urban forest in the East End (District 1), which has low ranking in tree canopy (<https://www.lexingtonky.gov/lexingtons-tree-canopy>). Based on Lexington's 2022 Tree Canopy report card, District 1 has among the lowest tree canopy percentages (19%), 'D' grades for current and potential canopy, and an 'F' grade for Heat Mitigation. The 2020 Census Block, where the cemetery is located, has 27% tree canopy coverage and 20% possible planting area (see Tree Canopy screenshot attached to this proposal).

By the numbers this is how the existing canopy in African Cemetery No. 2 has contributed to Lexington's Ecological Environment (Survey by the Urban Forest Initiative, 2019):

- 5,294 pounds of carbon stored annually
- 32,742 gallons of stormwater intercepted per year
- \$587,431 as the replacement cost of 148 mature trees

ENGAGEMENT AND EDUCATION

African Cemetery No. 2 has been a model for using a historic site to reveal and promote the history a specific community. By hosting multiple cultural events in the cemetery itself, the cemetery board has sought to engage the interest and participation of a wider community in Lexington. For example, African Cemetery No. 2 has had had a multi-year collaboration with Hoe 'N Hope Garden Club of Lexington to provide monthly maintenance of gardens at the front gates in addition to management of Crape Myrtle lining the entrance ways.

The focus on tree stewardship described in this proposal continues that approach by providing opportunities for the Lexington community to engage in education and maintenance of an historic site. In 2023, for example, 19 different service or school groups visited the ceremony to

either learn about the relationship of the cemetery to Lexington's history or participate in its care (see the 2023 annual report www.africancemeteryno2.org).

The Morton Arboretum sponsors accreditation for various levels of arboretums. African Cemetery No. 2 has already met most of the requirements for a Class I designation by virtue of: a plan for existing and new plantings, an inventory of trees present, greater than 100 species, a governing board, labeled trees, staff or volunteer support, public access, and at least one public event.

CONTRIBUTIONS TO THE COMMUNITY

There are several unique contributions to the community inherent in this proposal. First, the collaboration of Trees Lexington and African Cemetery No. 2 has made the cemetery a site for a community chip drop for the East End with the participation of Bartlett Tree Experts. This makes it a resource for backyard conservation efforts. Second, tree fall in African Cemetery No. 2 has provided wood that local residents have used for firewood (Saunda Coleman, personal communication). Third, by planting fruit and nut bearing trees in the cemetery (e.g. Black Walnuts, Chestnuts, Choke Cherries, Hazelnuts, Hickories, Paw Paws, Persimmons, Plums, Serviceberries) the cemetery can become a community resource for edible foods for both wildlife and people. Fourth, many of the trees in African Cemetery No. 2 have been labeled as to species and mapped as to location in anticipation of the requirements for becoming accredited as a Class I arboretum. Lexington has the State arboretum on Cooper Drive and a National Arboretum at Lexington Cemetery on Leestown Road. Increasing species diversity and developing educational material for individual tree species (an example being the information available at McConnell Springs) provides another site for environmental education in Lexington's East End. The site is within walking distance to William Wells Brown Elementary School, George Washington Carver School, Sayre School, and Transylvania University.

ACTIVITIES FOCUSED ON TREE STEWARDSHIP

Trees Lexington has been a major contributor promoting and conducting tree stewardship activities in African Cemetery No. 2.

Mulching Events: For the past two years Trees Lexington has coordinated a service event to promote appropriate tree mulching in African Cemetery No. 2 (wood chips provided by Bartlett Tree Experts).

Tree Pruning Events: For the past two years Trees Lexington has conducted a service/training event in African Cemetery No. 2 in which appropriate pruning techniques are illustrated and practiced by participants using the trees in African Cemetery No. 2 as source material.

Pollinator Week: 2023 was Lexington's first "Pollinator Week" celebration and Trees Lexington conducted a walking tour of representative trees in African Cemetery No. 2 contributing to pollinator habitat in Lexington.

Tree Week: For the last three years Trees Lexington has collaborated with African Cemetery No. 2 to host a tree walk in the cemetery, which highlights the cemetery from the backdrop of eight signature tree species (see www.africancemeteryno2.org for programs and tours).

Tree Planting: For the past three years the bi-yearly tree giveaways conducted by Trees Lexington (co-sponsored by the Fayette County Conservation District) have provided diverse tree species to individual households that in turn have been donated to African Cemetery No. 2. In addition, other groups (e.g. Alpha Kappa Alpha service sorority) have donated trees. Since the survey conducted in 2019 the number of trees in African Cemetery No. 2 has increased to > 400 representing 100 different species and > 50% of the tree species native to Kentucky.

PROJECT DATES AND SCHEDULE

May 2024

Proposal approved

June 2024 – September 2024

Supervising steward identified

Trees ordered and installation event scheduled

Pollinator Week Tour

Submit application for arboretum classification

October '24 – March 2025

Tree Week Tour

Tree Planting Event(s)

Tree Maintenance Event

Tree Tagging

Video production of Interactive Guide

March 2025 – April 2025

Tree planting(s)

Installation of educational markers

Production and posting of educational information

May 2025

Final Project Report

African Cemetery No. 2	Qty./Hrs.	Cost	Subtotal
Trees B&B Installed	15	\$ 500.00	\$ 7,500.00
Trees 3-gallon	85	\$ 25.00	\$ 2,125.00
Tree diapers - 48 in.	15	\$ 55.00	\$ 825.00
Tree diapers - 24 in.	85	\$ 21.00	\$ 1,785.00
Dimex tree protectors	100	\$ 1.70	\$ 170.00
Project Management	80	\$ 30.00	\$ 2,400.00
Arboretum Application	8	\$ 30.00	\$ 240.00
Tree Maintenance - 2 years	160	\$ 25.00	\$ 4,000.00
Educational Workshops	8	\$ 200.00	\$ 1,600.00
Videography	2	\$ 1,000.00	\$ 2,000.00
Tree Signs & Stakes	120	\$ 30.00	\$ 3,600.00
Arboretum Entrance Signs	2	\$ 2,500.00	\$ 5,000.00
Total:			\$ 31,245.00

Oakdale Apartments Tree Planting Phase 2

Following a successful completion of the tree installation portion of the Tree Canopy Committee pilot grant in the fall of 2023, Trees Lexington seeks to continue growing tree canopy in Council District 2. Oakdale Apartments is a new affordable housing development located in the 2020 Census Block with only 11% tree canopy coverage (see Tree Canopy screenshot attached to this proposal). The goal of the project developer has always been to build a campus with an abundance of trees for the residents to enjoy. As of the fall 2023, two multi-unit buildings were completed, which allowed Trees Lexington to collaborate with the developer to hold tree planting events to increase the number and the diversity of tree species on the site beyond the required minimum. A total of 9 balled and burlapped trees were installed by a contractor with an additional 23 3-gallon container trees installed with 31 community volunteers.

An additional four buildings are now completed making new planting areas ready for additional tree installations. Trees Lexington is proposing installing 30 balled and burlapped trees as well as 50 3-gallon container trees. The project aims to involve local residents through door-to-door canvassing, as well as volunteers from the community.

If funded, the planting portions of the project will take place in late fall 2024 and early spring 2025 with maintenance activities (watering, mulching, and pruning) spread out of the following two years. Trees will be maintained with the assistance of Trees Lexington's field technician and through additional volunteer events for two years. Tree diapers will be installed on all the newly installed trees to help keep the soil moist with supplementary watering provided as needed.

Oakdale Apartments Phase 2	Qty./Hrs.	Cost	Subtotal
Trees B&B Installed	30	\$ 500.00	\$ 15,000.00
Trees 3-gallon	50	\$ 25.00	\$ 1,250.00
Dimex Tree Protectors	80	\$ 1.70	\$ 136.00
Planting Design	1	\$ 1,800.00	\$ 1,800.00
Project Management	50	\$ 30.00	\$ 1,500.00
Volunteer engagement - food, children's activities	1	\$ 750.00	\$ 750.00
Event marketing	1	\$ 500.00	\$ 500.00
Tree maintenance - 2 years	100	\$ 25.00	\$ 2,500.00
Tree diapers - 48 in.	30	\$ 55.00	\$ 1,650.00
Tree diapers - 24 in.	50	\$ 21.00	\$ 1,050.00
Total:			\$ 26,136.00

Community Engagement Initiative

A recently published paper by Lindsay Darling titled “Identifying social barriers to equitable tree planting and quantifying potential benefits to overcoming them”

(<https://treefund.org/archives/22232>) describes the results of a research survey in Chicago.

Although various organizations aim to correct the tree canopy deficiencies in under-resourced communities, “the efforts often do not garner buy-in from their intended communities...in part because these organizations are frequently outsiders to the communities where they work and do not understand the social barriers or concerns that residents may have toward greening efforts.”

Trees Lexington’s has done significant outreach and worked to grow connections and execute tree planting projects at African Cemetery No. 2, Shropshire Circle, the William Wells Brown Elementary School and Community Center, and Cadentown Baptist Church, among others. Building on these efforts, Trees Lexington is proposing a proactive tree information and presentation initiative focusing on Districts 1, 2, 6, 7 and 11. Although this is an experimental program, Trees Lexington has a track record of building relationships and engaging residents from all backgrounds, faiths, and races.

The effort will consist of actively reaching out and seeking to meet with any groups that are organized around common areas of interest – religious institutions, social and civic clubs, regular community gatherings, such as fish fry events, etc. We will hold formal and informal presentations and discussions about the role and importance of trees in our landscape with a target frequency of two presentations every month for two years. The goal is to build relationships and identify community leaders who can serve as neighborhood advisors and tree canopy advocates.

Assuming our efforts of engagement are successful, interested individuals will be invited to participate in the Tree Stewards training. We will seek opportunities to identify tree planting sites on private property with a follow-on funding request to execute tree installations with the trained Tree Stewards.

Community Engagement	Qty./Hrs.	Cost	Subtotal
Proactive outbound calls offering to present	240	\$ 30.00	\$ 7,200.00
Presentation Development	20	\$ 30.00	\$ 600.00
Bi-monthly for 2 years	48	\$ 60.00	\$ 2,880.00
Food & Beverage	48	\$ 75.00	\$ 3,600.00
Total:			\$ 14,280.00

Tree Stewards Program

To build on the ongoing Tree Stewards program offering, Trees Lexington is seeking funding to significantly ramp up the frequency of regular training events to be held once a month for two years. The program will be comprised of classroom and field sessions with in-depth training covering basic botany, tree species identification, tree species characteristics, placement considerations, proper planting and mulching techniques, young tree pruning, common diseases and pests, soil considerations, etc. Importantly, each topic will be discussed in appropriate detail, so as to inform the participants about the underlying reasoning and scientific basis for each consideration and practice.

Participants will be provided an opportunity to take formal examinations on the course sections demonstrating proficiency and understanding. A passing score in each module will entitle the participant to earn the Tree Steward designation, to be rewarded by a set of tools (soil knife and pruners).

Field training sessions will take place on both public and private property (public parks, schools, private land, all with appropriate approvals) around Lexington to make the program accessible to as many participants as possible. Our goal is to have sixty individuals complete the full program and earn the designation over the 2-year period.

Tree Stewards Program	Qty./Hrs.	Cost	Subtotal
Workshop Development & Preparation	80	\$ 30.00	\$ 2,400.00
Marketing & Participant recruitment	120	\$ 30.00	\$ 3,600.00
Monthly workshops - 2 years	24	\$ 200.00	\$ 4,800.00
Soil knives/pruners/sheath	60	\$ 75.00	\$ 4,500.00
Total:			\$ 15,300.00

Tree Marketing Materials

Trees Lexington seeks funding to develop accessible, yet comprehensive tree advocacy and maintenance marketing and educational materials to support the city-wide efforts to improve the levels of understanding of the value of tree canopy as well as proper maintenance. Sample topics covered will include: value of trees as “utilities”, proper tree planting, proper tree mulching, common detrimental practices (mower damage), and young tree pruning. The materials will aim to be visually attractive, accessible and understandable to both untrained residents and professional landscapers. Both English and Spanish language versions will be developed.

Trees Lexington will develop the concept and the language with the help of the members of the academic, arboriculture, landscape management, and behavioral psychology professionals.

Focus groups will be consulted for design and language feedback. A marketing and graphic design professional will be engaged to develop effective graphics to illustrate the key concepts.

The resulting materials will be made widely available via community partners, landscaping, and tree nursery businesses, as well as any other entities.

Marketing Materials	Qty./Hrs.		
Development of concept and language	160	\$ 30.00	\$ 4,800.00
Focus groups and community reviews	60	\$ 30.00	\$ 1,800.00
Marketing materials graphic design	1	\$ 3,000.00	\$ 3,000.00
Printing	1	\$ 2,000.00	\$ 2,000.00
Outreach and materials delivery	40	\$ 30.00	\$ 1,200.00
Total:			\$ 12,800.00

EXHIBIT B

APPLICATION REVIEW, SCORING, AND DETERMINATION FORM

**LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT
TREE CANOPY AD HOC COMMITTEE
LEX GROW TREES GRANT PROGRAM
APPLICATION REVIEW, SCORING, AND DETERMINATION**

Applicant Name: Trees Lexington!, Inc.

Requested Grant Amount: \$99,761.00

Project Elements:

1. Tree Planting at African Cemetery No. 2
2. Tree Planting at Oakdale Apartments
3. Community Engagement Initiative
4. Tree Stewards Program
5. Tree Marketing Materials

RECOMMENDATION OF THE SCORING COMMITTEE

- Applicant and proposed project meet program eligibility requirements. Project Score: 95.
- Approve the Grant Application for the Partial amount of \$86,655.00.
- Approve the Grant Application with the following stipulations:
 1. Applicant shall obtain written approval / agreement prior to work being done on properties not owned by the Applicant.
 2. Grant funds shall not be allocated to or used for the Tree Marketing Materials project element.
 3. Applicant should use either tree diapers or tree protectors, but not both, to prevent mechanical damage to the trunk.
 4. If tree diapers are used, make sure that the property owner is aware and is in agreement.

TREE CANOPY AD HOC COMMITTEE DETERMINATION

After considering the recommendation of the Scoring Committee, the application and supporting information, and having heard evidence, the Committee finds:

_____ The application does not meet the eligibility requirements of the grant program as set forth in the Grant Program Guidelines and the grant application is denied.

--- OR ---

☒ _____ The application meets the eligibility requirements of the grant program as set forth in the Grant Program Guidelines.

☒ The application has been scored and is deemed worthy of funding this granting cycle.

☒ The grant application is approved in the amount of: \$ 86,655.00

☒ The grant is approved with the following stipulations: see items #1-#4
in the Recommendation section above.

☐ The application has been scored. Insufficient funds are available to cover the project for this Fiscal Year.

☐ Other: _____


Chairperson

5/22/2024
Date

EXHIBIT C

LEX GROW TREES GRANT PROGRAM GUIDELINES

Lex Grow Trees Grant Program Guidelines

Objectives

1. Increase the scale and health of our tree canopy.
2. Increase community buy-in and resident engagement in assuring the creation and maintenance of our tree canopy.
3. Guide a cultural shift in the understanding of the benefits of trees for individuals, our economy, our community's social structure, and our collective community's health.
4. Address the equity challenges of access to the benefits of a healthy tree canopy.

Background

As a result of several opportunities and issues facing the residents of Lexington over the past several years, there has been an unprecedented level of concern for our City's tree canopy. Upon hearing these concerns and during discussions on how the City would allocate its share of Federal ARPA funds, the Urban County Council and the administration desired to allocate funds to growing Lexington's tree canopy. In February 2022, the Council authorized \$1.5 Million from budget stabilization funds for improving Lexington's tree canopy. The funds were placed with the Division of Environmental Services to oversee their expenditure. The Tree Canopy Ad Hoc Committee was formed to provide input to the division as to how the funds should be allocated. The committee created the Lex Grow Trees campaign which is dedicated to addressing tree canopy inequalities in Lexington. Four areas of focus that Lex Grow Trees determined are:

1. Mobilization of community and neighborhood tree advocates and stewards
2. Tree planting
3. Tree maintenance
4. Tree education

In the FY22 budget, \$75,000 was allocated to update Lexington's Urban Tree Canopy Study, which had been completed in 2012. The change analysis, completed in the fall of 2022, looked at the most recent data from 2020 as compared to the 2012 data. It provides information on the tree canopy by council district, watershed, census tract, and types of property ownership. The assessment also includes planting plans to achieve various canopy goals. We encourage potential applicants to review this study to help spark potential project ideas.

Eligible Organizations

1. Federally recognized non-profit organizations 501(c)(3)
2. Incorporated, active neighborhood or homeowners associations
3. For profit organizations

Eligible Activities

1. Tree planting
2. Tree maintenance
3. Tree education
4. Develop and support tree advocates and stewards

Application Requirements

Applications must include the following information:

1. Organization info
 - a. Name of organization
 - b. Street address and zip code
 - c. Phone number
 - d. Email address
2. Contact information
 - a. Contact person name
 - b. Contact person title
 - c. Contact person phone number
 - d. Contact person email address
3. Project narrative, scope of work, and community objectives (If applicable, include a list of project partners and tree experts who will be engaged in your project.)
4. Project dates and project schedule
 - a. Starting date
 - b. Milestone dates
 - c. Expected completion date
5. Project budget and explanation
6. List the address/addresses and Council District where the project is located. (Find the Council District here: <https://www.lexingtonky.gov/>)
7. Supplemental material
 - a. A minimum of three (3) color photographs of the project area.
 - b. A map of the proposed project location (This can be a screenshot of a map but the project site must be identified.)
 - c. Any other supporting documents or letters of support
8. Page limit: 10 pages with font size 12

Selection Criteria

Applications for each funding cycle will be evaluated by the Tree Canopy Ad Hoc Committee. Applications and the activities proposed will be evaluated and grant awards will be made based on consideration of the following factors (the scoring rubric is at the end of this document):

1. Location with a focus on equity (See the [2022 Urban Tree Canopy Study](#).)
2. Number of people reached via engagement or education
3. Ability of the applicant to maintain the project
4. Cost efficiency
5. Number of trees (newly planted)
6. Number of trees (maintenance or care of existing)

Additional Grant Program Guidelines and Requirements

1. All applicants must submit a completed application by the deadline.
2. A detailed project plan and budget for all expenses shall be prepared and included in the application. If selected for a grant, a more detailed project plan and budget may be required for the Grant Award.

3. If selected for a grant, the organization must have a taxpayer ID and be willing to provide a W-9 to LFUCG.
4. If selected for a grant, the organization must be willing to sign the Grant Agreement that will be processed for approval by the Urban County Council and the Mayor's signature. A copy of the Grant Agreement is attached.
5. To receive grant funds, grantees will submit Requests for Reimbursement for consideration. Each Request for Reimbursement shall include documentation to support the reimbursement request (*e.g.*, paid invoices, receipts, pay stubs) or quotes for items to be purchased within thirty (30) days of the funds disbursement.
6. Grantees will have up to 24 months from the time of the execution of the Grant Agreement to complete the projects.
7. Full responsibility for management of the project lies with the organization awarded funds. This includes the following:
 - a. Obtaining approvals.
 - b. Sign-offs from LFUCG offices regarding species selection, sight distance, encroachment/location issues, planting safety issues, and maintenance specifications.
8. All grant-funded projects must be completed in accordance with applicable local, state, and federal law. All required permits, agreements, permissions, approvals, etc. must be obtained by the grant recipient or their representatives prior to commencing work.
9. Any project that includes movement of soil and/or land disturbance shall call 811 for utility locating services per state regulations.
10. The project cannot include permanent changes within the street right-of-way without the prior express written approval from LFUCG or KYTC, as appropriate. Likewise, the project cannot include permanent changes on properties not owned and/or controlled by the grant recipient without the prior express written approval from the property owner.
11. Any project proposing tree planting shall follow LFUCG's Planting Manual under the advisement of LFUCG's Urban Forester (see: www.lexingtonky.gov/forestry). Grantees are encouraged to contact the Urban Forestry staff with questions about proper planting procedures and correct maintenance techniques.
12. All project materials and any associated marketing must be co-branded using the Lex Grow Trees branding.
13. A final report must be submitted within 30 days of completion of the project. This report shall include:
 - a. A description of the project and the benefits derived from its implementation;
 - b. Locations of trees planted, including species;
 - c. Locations of trees pruned or maintained, including species;
 - d. Information about events hosted, including topic, location, numbers of attendees, and photographs taken during the events;
 - e. A maintenance plan, if appropriate, or documentation of having maintenance discussions with individual property owners;
 - f. A summary table comparing the project budget to actual expenditures, along with supporting documentation;
 - g. Sample outreach and/or educational materials used.