

ATTACHMENT F
URBAN AND COMMUNITY FORESTRY GRANT

RESOLUTION 2010-06

A RESOLUTION BY THE CITY OF LAKE WALES, FLORIDA TO ENTER INTO AN URBAN AND COMMUNITY FORESTRY GRANT MEMORANDUM OF AGREEMENT WITH THE STATE OF FLORIDA, DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, DIVISION OF FORESTRY

WHEREAS, trees are an important part of our community; and

WHEREAS, the City of Lake Wales desires to apply for a Forest Health Improvement Initiative Grant which would provide monies to improve the condition of the community's tree canopy through pruning and other protective measures; and

WHEREAS, the City of Lake Wales wishes to enter into a Forest Health Improvement Initiative Grant Memorandum of Agreement between the City of Lake Wales, Florida and the Florida Department of Agriculture and Consumer Services;

NOW, THEREFORE, BE IT RESOLVED by the City Commission of Lake Wales, Florida:

Section 1. The City Commission supports the improvement of the condition of the city's tree canopy.

Section 2. The City Commission hereby authorizes the City Manager to enter into a Forest Health Improvement Initiative Grant Memorandum of Agreement between the City of Lake Wales, Florida and Florida Department of Agriculture and Consumer Services.

INTRODUCED, PASSED AND ADOPTED THIS THE 2ND DAY OF February 2010.

BY:



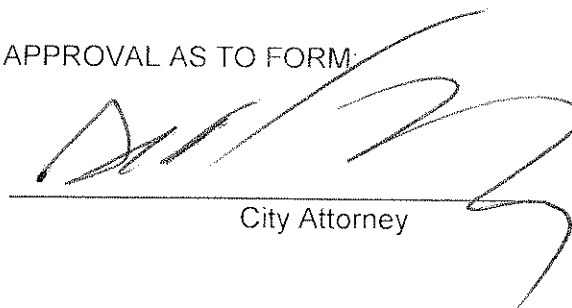
Mayor

ATTEST:



City Clerk

APPROVAL AS TO FORM:



City Attorney

**Submit Bids to:**

Florida Department of Agriculture and Consumer Services
407 South Calhoun Street - Mayo Building, Room SB-8
Tallahassee, FL 32399-0800

Telephone: (850) 487-3727

CHARLES L. BRONSON
COMMISSIONER

Page 1 of 56 Pages

BIDS NO. RFP/DF-09/10-47


WILL BE OPENED February 12, 2010 @ 2:00 P.M.

and may not be withdrawn within 90 days after such date and time

AGENCY MAILING DATE:
December 7, 2009

NOTICE OF INTENDED AWARD POSTING WILL BE ON OR ABOUT March 31, 2010

BID TITLE: 2009-2011 FOREST HEALTH IMPROVEMENT INITIATIVE GRANT PROGRAM

VENDOR NAME City of Lake Wales	AUTHORIZED SIGNATURE (MANUAL) 
VENDOR MAILING ADDRESS 201 W. Central Ave.	AUTHORIZED SIGNATURE (TYPED) TITLE Judith H. Delmar City Manager
CITY - STATE - ZIP Lake Wales, FL 33853	
TELEPHONE: (863) 678-4182x225	
<p>I certify that this Proposal is made without prior understanding, agreement, or connection with any corporation firm, or person submitting a proposal for the same materials, supplies or equipment, and is in all respects fair and without collusion or fraud. I agree to abide by all conditions of this Proposal and certify that I am authorized to sign this Proposal for the Proposer and that the Proposer is in compliance with all requirements of the Request for Proposal including but not limited to, certification requirements. In submitting a Proposal to an agency for the State of Florida, the Proposer offers and agrees that if the Proposal is accepted, the Proposer will convey, sell, assign or transfer to the State of Florida all rights, title and interest in and to all causes of action it may now or hereafter acquire under the Anti-trust laws of the United States and the State of Florida for price fixing relating to the particular commodities or services purchased or acquired by the State of Florida. At the State's discretion, such assignment shall be made and become effective at the time the purchasing agency tenders final payment to the Proposer.</p>	

GENERAL INSTRUCTIONS TO RESPONDENTS

- Definitions.** The definitions found in s. 60A-1.001, F.A.C. shall apply to this agreement. The following additional terms are also defined:
 - "Buyer" means the entity that has released the solicitation. The "Buyer" may also be the "Customer" as defined in the PUR 1000 if that entity meets the definition of both terms.
 - "Procurement Officer" means the Buyer's contracting personnel, as identified in the Introductory Materials.
 - "Respondent" means the entity that submits materials to the Buyer in accordance with these Instructions.
 - "Response" means the material submitted by the respondent in answering the solicitation.
 - "Timeline" means the list of critical dates and actions included in the Introductory Materials.
- General Instructions.** Potential respondents to the solicitation are encouraged to carefully review all the materials contained herein and prepare responses accordingly.
- Electronic Submission of Responses.** Respondents are required to submit responses electronically. For this purpose, all references herein to signatures, signing requirements, or other required acknowledgments hereby include electronic signature by means of clicking the "Submit Response" button (or other similar symbol or process) attached to or logically associated with the response created by the respondent within MyFloridaMarketPlace. The respondent agrees that the action of electronically submitting its response constitutes:
 - an electronic signature on the response, generally,
 - an electronic signature on any form or section specifically calling for a signature, and
 - an affirmative agreement to any statement contained in the solicitation that requires a definite confirmation or acknowledgement.
- Terms and Conditions.** All responses are subject to the terms of the following sections of this solicitation, which, in case of conflict, shall have the order of precedence listed:
 - Technical Specifications,
 - Special Conditions and Instructions,
 - Instructions to Respondents (PUR 1001),
 - General Conditions (PUR 1000), and
 - Introductory Materials.

The Buyer objects to and shall not consider any additional terms or conditions submitted by a respondent, including any appearing in documents attached as part of a respondent's response. In submitting its response, a respondent agrees that any additional terms or conditions, whether submitted intentionally or inadvertently, shall have no force or effect. Failure to comply with terms and conditions, including those specifying information that must be submitted with a response, shall be grounds for rejecting a response.
- Questions.** Respondents shall address all questions regarding this solicitation to the Procurement Officer. Questions must be submitted via the Q&A Board within MyFloridaMarketPlace and must be RECEIVED NO LATER THAN the time and date reflected on the Timeline. Questions shall be answered in accordance with the Timeline. All questions submitted shall be published and answered in a manner that all respondents will be able to view. Respondents shall not contact any other employee of the Buyer or the State for information with respect to this solicitation. Each respondent is responsible for monitoring the MyFloridaMarketPlace site for new or changing information. The Buyer shall not be bound by any verbal information or by any written information that is not contained within the solicitation documents or formally noticed and issued by the Buyer's contracting personnel. Questions to the Procurement Officer or to any Buyer personnel shall not constitute formal protest of the specifications or of the solicitation, a process addressed in paragraph 19 of these Instructions.

CHECKLIST

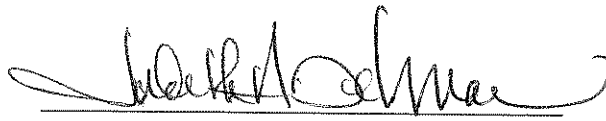
- X 1. The entire Request for Proposal (RFP) has been read.
- X 2. The PUR Form 1001/1000 Instructions to Respondent's and General Contract Conditions (Page 1 of 8) is completed and signed. Do not submit pages 2-8 of RFP document (PUR Form 1001/1000).
- X 3. A complete address for the Proposer in the space provided (include street address or post office box, city, zip code and telephone number.) Please note: All future correspondence will be sent to the contact person listed on your proposal.
- X 4. Conflict of Interest Statement (Attachment B) is completed and signed.
- X 5. Certifications Regarding Lobbying; Debarment; Suspension and Other Responsibility Matters for expenditure of Federal Funds (Attachment C) is completed and signed.
- X 6. ARRA Forest Health Improvement Initiative Grant Proposal form (Attachment D) is completed and signed). Please note: All future correspondence will be sent to the contact person listed on your proposal.
- X 7. Detailed itemized budget summary (Attachment E) is completed.
- X 8. In all instances where a local government's jurisdiction is impacted by the grant project, a resolution (by the local government) indicating support for the project must be submitted with the Grant Proposal Packet (Attachment F).
- X 9. This resolution (Attachment F) must also state that they will execute a Maintenance Memorandum of Agreement (Attachment H) with the Department of Agriculture.
- n/a 10. For Demonstration or Site Specific Projects along roadways, a map must be included showing both the U.S. Highway and S.R. (State Road) numbers separated by a slash (/), if both exist. If only one exists, please circle either "U.S." or "S.R." to indicate which numbers you are giving. At least three photos of the site should also be included.
- n/a 11. In conformance with Section 481.329(7), Florida Statutes, "Persons who perform landscape architectural services not for compensation, or in their capacity as employees of municipal or county governments, shall not be required to be licensed...." This means that if the required design is completed by an unpaid volunteer or an employee of municipal or county government, a Florida registered architect does not have to sign and seal the drawings.
- X 12. One (1) original with blue ink signature and five (5) copies of the proposal package have been submitted.

ATTACHMENT B

STATE OF FLORIDA
DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES
CONFLICT OF INTEREST STATEMENT

I, Judith H. Delmar, as authorized
representative of the City of Lake Wales
certify that no member of this firm nor any person having interest in this
firm has been awarded a contract by the Department of Agriculture and
Consumer Services on a non-competitive basis to:

- (1) develop this Invitation to Bid (ITB) or Request for Proposal (RFP);
- (2) perform a feasibility study concerning the scope of work contained in this ITB/RFP;
- (3) develop a program similar to what is contained in this ITB/RFP.



Authorized Representative

2/11/2010
Date

#1
Proposal Number

CHARLES H. BRONSON
COMMISSIONER

ATTACHMENT C

Florida Department of Agriculture and Consumer Services
Division of AdministrationCERTIFICATION REGARDING LOBBYING:
DEBARMENT, SUSPENSION AND OTHER
RESPONSIBILITY MATTERS
FOR EXPENDITURE OF FEDERAL FUNDS

LOBBYING

As required by 7 CFR Part 3018, for persons entering into a contract, grant or cooperative agreement over \$100,000 involving the expenditure of Federal funds, the undersigned certifies for itself and its principals that:

- (a) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the making of any Federal grant, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal grant or cooperative agreement;
- (b) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress or an employee of a Member of Congress, in connection with this Federal grant or cooperative agreement, the undersigned shall complete and submit Standard Form - LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions; and
- (c) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subgrants, contracts under grants and cooperative agreements, and subcontracts) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Judith H. Delmar, City Manager

PRINTED NAME/TITLE OF REPRESENTATIVE

CONTRACT/PURCHASE ORDER NUMBER

SIGNATURE OF REPRESENTATIVE/DATE

DEBARMENT, SUSPENSION AND OTHER RESPONSIBILITY MATTERS

As required by 7 CFR Part 3017, for persons entering into a contract, grant or cooperative agreement over \$25,000 involving the expenditure of Federal funds, the undersigned certifies for itself and its principals that:

- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- (b) Have not within a three-year period preceding this application been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statement, or receiving stolen property;
- (c) Are not presently indicted for or otherwise criminally or civilly charged by a Government entity (Federal, State or local) with commission of any offenses enumerated in paragraph (b) of this certification; and
- (d) Have not within a three-year period preceding this application had one or more public transaction (Federal, State or local) terminated for cause or default; and

Where the applicant is unable to certify to any of the statements in this certification, he or she shall attach an explanation to this application.

Judith H. Delmar, City Manager

PRINTED NAME/TITLE OF REPRESENTATIVE

CONTRACT/PURCHASE ORDER NUMBER

SIGNATURE OF REPRESENTATIVE/DATE

ATTACHMENT D
FLORIDA FOREST HEALTH INITIATIVE GRANT PROPOSAL FORM 2009-2011

GENERAL INSTRUCTIONS: Please complete all items pertaining to the Category Grant for which you are applying. The proposal packet must not exceed thirty (30) one sided pages, including attachments. All attachments must be 8 1/2" X 11", except any attached sketches, plans and maps which must be no larger than 2' X 3' and folded into 8 1/2" X 11". **Six (6) copies (one copy with original signatures and five copies) of the proposal packet including the proposal form, the project description and all attachments must be received no later than February 12, 2010, at:**

Department of Agriculture and Consumer Services
Purchasing Office – **Forest Health Improvement Initiative – 2009-11 PROPOSAL**
Mayo Building - Room SB-8
Tallahassee, FL 32399-0800
Telephone (850) 617-7181

If you have any questions, please see ATTACHMENT J, "Division of Forestry District/Center Contacts"

PROPOSER INFORMATION (Please Print or Type)

Project Title: City of Lake Wales Tree Maintenance Program

Proposer Name: City of Lake Wales

Name and Title of Contact Person: Jennifer Nanek, Grants Administrator

Address: 201 W Central Ave. Lake Wales, FL

Zip: 33853

Phone: (863) 678-4182x270

FEID Number 59-6000357

US Congressional District Number: 12

Is your organization a Non-profit corporation pursuant to Chapter 617, Florida Statutes?

Yes No X

If the applicant is a **city or county government**, does your urban forestry program have the following:

Professional Staff, in-house or contracted. List qualifications such as ISA cert., forestry degree, etc.
none

Citizen Tree Advisory Board or Tree Advocacy Group. Describe: None

Urban Tree Inventory or Management Plan, how current? November 2008

Tree Ordinance covering either public or private lands. Describe: Private. permit/replacement required

As the duly authorized representative of the Proposer named above, I hereby certify that all parts of the proposal and required grant information have been read and understood and that all information submitted herein is true and correct.

Authorized Executive Officer: Judith H. Delmar

Title: City Manager

Signature: Judith H. Delmar

Date: 2/11/2010

ATTACHMENT D (CONTINUED)

PROJECT DESCRIPTION
Forest Health Improvement Initiative Grant Proposal

(two page limit, #12 font, single-space)

Describe the local community and current urban forestry program, and role of applicant in that program if a non-profit group:

Local community: Lake Wales is a city of approximately 13,000 people and is located in central Florida at the junction of US Highway 27 and State Road 60. Over half of the land area in the city (6,600/12,252 acres) is vacant, and the vast majority of it was annexed for development, primarily residential. The local economy is based upon agriculture, small manufacturing, and retail. The per capita income level of residents is only 75% of that of the state and U.S. The population at the U.S. Census of 2000 was 35% black and 40% total minorities.

Current urban forestry program: The beautiful trees in the parks on the shores of Lake Wales and along the streets are a major asset. Programs to preserve and maintain trees have not been consistent over the years. In the last several years, however, the city has made strides in establishing a comprehensive program.

Budget constraints which forced reductions in parks staff a few years ago have limited what the city has been able to accomplish in maintaining its public trees. However, the city has made efforts to advance its tree program through grants, enacting tree protection ordinances, establishing a Parks and Community Appearance Committee, and adopting tree protection and replacement requirements for development. These requirements have been used to fund an inventory of the trees in the parks, to provide matching funds for grants, and to plant trees along streets.

A professional forester has been hired for special projects, including the recent tree study of the City's Lake Wales Park system. The study, performed by Steve Edgar, forester for CPH Engineering of Sanford, included recommendations for the maintenance of about 570 trees in the parks surrounding the lake. Recent tree planting projects include planting 18 live oak trees along Central Ave., and planting of trees and other plants in the median and at the intersection of Central Ave. and U.S. Highway 27 in conjunction with the state's widening of the highway.

Proposed projects:

- Refurbishing street plantings – downtown historic district - 2010. CDBG \$330,000 grant.
- Planting sabal palm clusters in Kiwanis Park for shade \$8,000 - Tree Replacement Fund.
- Updating/implementation of 2001 street tree inventory. In-house/Tree Replacement Fund.

Previous U&CF Grants received by the applicant. When were they implemented and what did they accomplish?

- 2009 – Purchase of a bucket truck for improved tree maintenance. This is in progress.
- 2008 - Planting of 30 trees in Lake Wales Park replacing many trees lost in the 2004 hurricanes.
- 2001–Funded study which inventoried trees and recommended purchase of a bucket truck.

Describe the goals and objectives of this project:

The project will address recommendations of the 2008 tree study for elimination of hazards and protection of the root systems of mature trees in the Lake Wales Park system. Focus is on Crystal Lake Park's playground and the Lake Wales "festival" area where many public events take place.

Describe how this project will benefit the local community in the short and long-term:

In the short term, the pruning of the trees will protect children and other visitors in the parks from falling branches. Long term, this effort will protect the trees for future generations to enjoy. The tree study cautioned that many of the parks' trees are "showing the first signs of decline....directly associated with damage to the trunk and root system." It states: "If current trends continued many of your trees will not last. Unless corrective steps are taken your future park system will look very different."

Describe why these funds are needed to complete this project:

The City does not have the equipment or personnel resources to undertake the project in-house. The work will be contracted to a professional tree company and supervised by a consulting arborist.

For a tree planting: Describe what species are being planted and why. How will they be installed and maintained (be brief and concise, but complete): N/A

For Category 2 Projects: Describe the species and number of trees to be treated, as well as the specific treatments to be applied in some detail.

Approximately fifty Live Oaks will be pruned. Barriers will be strategically installed to keep vehicles off of the root systems of trees in the heavily used "festival area" of Lake Wales Park and in the parking area of Crystal Lake Park. Barriers and plantings will be installed to protect a 63-inch Live Oak at the entrance of the athletic fields. Aeration and mulching of the trees will improve growing conditions. Plantings and mulch will be used to protect trees from mowers in low-use areas.

What environmental or educational value will the community derive from this project?

The environmental value is that our trees will be protected from hurricanes and from public use.

What steps have been taken to carry out this project in a cost effectiveness manner?

Quotes will be solicited to ensure the most cost-efficient method of performing these tasks.

How will this project increase citizen involvement and support for the Community's Urban Forestry program in the long term?

The parks are used on a daily basis. Numerous public events take place in the park under the shade of the many large oaks. Several citizen boards are all very supportive regarding care of the parks.

What evidence of community support for this project can be produced?

Letters of Support are attached from the Lake Wales Art Center, the Historic Lake Wales Society, the Green Horizon Land Trust, Bok Tower Gardens, and our County Commissioner.

How will this project be publicized in the local community?

Local Newspapers – Ledger, News Chief, Lake Wales News; Community Presentations

Tree City USA certification and growth award, last year current? N/A

Will a Certified Arborist(s) or a graduate forester from an accredited four -year Bachelor of Science in Forestry program oversee this project? If not, who will provide oversight and what are their credentials?

The work will be contracted to a professional company and supervised by a consulting arborist. Tree maintenance guidelines of the American Society of Consulting Arborists will be used.

What new partnerships will the project create or encourage?

Partnerships with recreation and environmental groups to plan the program and maintain the trees.

ATTACHMENT E

BUDGET

Category: City of Lake Wales Tree Maintenance ProgramSpecific Description: Tree Protection EffortsSUMMARY OF COSTS

	REQUESTED GRANT \$
Contractual costs	<u>\$16,000</u>
Equipment Use costs	<u></u>
Supplies costs	<u>\$8,000</u>
Tree costs	<u></u>
Total Requested Grant (I)	<u>\$24,000</u>

A BUDGET, DETAILING ALL COSTS IDENTIFIED ABOVE MUST BE ATTACHED.

PROJECT LOCATION INFORMATION (Please print or type - Complete where applicable)

County PolkDescribe the Specific Location of the Project: Lake Wales: Lake Wailes Lake, Crystal Lake Park, North Lake Wailes

Who has responsibility for overseeing Project implementation (name and title):

Margaret Swanson, Planning Director

Who has maintenance responsibility for the Project after completion:

Beverly Pennington, Field Services Division ManagerIs the Land Ownership Public or Private?: PublicName of Landowner: City of Lake WalesProject Title: City of Lake Wales Tree Maintenance ProgramApplicant Name: City of Lake WalesEmail Address: jnanek@cityoflakewales.com

ATTACHMENT E (CONTINUED)
BUDGET

Please note: All proposals must include a detailed itemized budget summary which lists all anticipated expenditures and explains all project costs. Proposals for site specific demonstration tree planting projects must list the quantity, species, and approximate size (container size, or caliper and height) of trees to be planted.

IMPORTANT: THIS FORM MUST BE USED. PROPOSERS NOT USING THIS FORM WILL BE RULED INELIGIBLE

Cost Items	Quantity	Rate or Price	Grant Cost
Contractual			
Pruning	Approximately 50 Trees	\$300 each	\$16,000
Equipment Use			

Cost Items	Quantity	Rate or Price	Grant Cost
Supplies			
Fencing/Bollards	1	\$4,000	\$4,000
Mulch		\$2,000	\$2,000
Plantings		\$2,000	\$2,000
Trees			
Total			\$24,000

ATTACHMENT F

City of Lake Wales Resolution

ATTACHMENT F
URBAN AND COMMUNITY FORESTRY GRANT

RESOLUTION 2010-06

A RESOLUTION BY THE CITY OF LAKE WALES, FLORIDA TO ENTER INTO AN URBAN AND COMMUNITY FORESTRY GRANT MEMORANDUM OF AGREEMENT WITH THE STATE OF FLORIDA, DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, DIVISION OF FORESTRY

WHEREAS, trees are an important part of our community; and

WHEREAS, the City of Lake Wales desires to apply for a Forest Health Improvement Initiative Grant which would provide monies to improve the condition of the community's tree canopy through pruning and other protective measures; and

WHEREAS, the City of Lake Wales wishes to enter into a Forest Health Improvement Initiative Grant Memorandum of Agreement between the City of Lake Wales, Florida and the Florida Department of Agriculture and Consumer Services;

NOW, THEREFORE, BE IT RESOLVED by the City Commission of Lake Wales, Florida:

Section 1. The City Commission supports the improvement of the condition of the city's tree canopy.

Section 2. The City Commission hereby authorizes the City Manager to enter into a Forest Health Improvement Initiative Grant Memorandum of Agreement between the City of Lake Wales, Florida and Florida Department of Agriculture and Consumer Services.

INTRODUCED, PASSED AND ADOPTED THIS THE 2ND DAY OF February 2010.

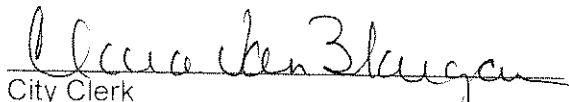
BY:



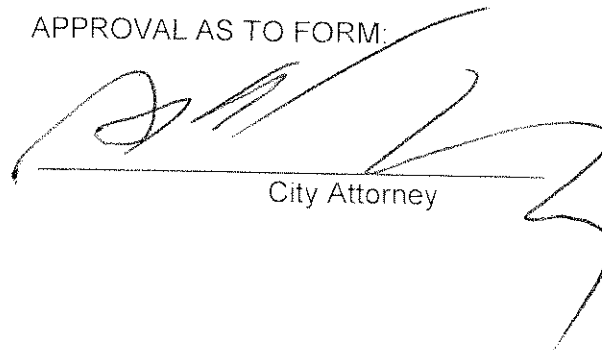
Mayor

ATTEST:

APPROVAL AS TO FORM:



City Clerk



City Attorney

ATTACHMENT G

Letters of Support

1. Randy Wilkinson, County Commissioner District 2, Polk County
2. Lee A. Wheeler III, President, Green Horizon Land Trust
3. Mimi Reid Hardman, President, Historic Lake Wales Society
4. David Price, President, Bok Tower Gardens
5. Cindy Alexander, President, Lake Wales Art Center



Randal L. Wilkinson
Commissioner, District 2

Board of County Commissioners

330 West Church Street
Drawer BC01
P.O. Box 9005
Bartow FL 33831-9005
Office: (863) 534-6434
Fax: (863) 534-7655
randywilkinson@polk-county.net

2/8/2010

Mr. Charlie Marcus
FL Dept of Agriculture and Consumer Services
407 S Calhoun ST – Mayo Building, Room SB-8
Tallahassee, FL 32399-0800

RE: Florida Forest Health Initiative Grant

Dear Mr. Marcus,

This letter is to express my support for the City of Lake Wales grant application for \$24,000. These funds will help the city protect and maintain the beautiful historic oak trees that are currently located in our parks. This grant would provide for proper pruning of approximately 50 trees as well as protective barriers for some of the more fragile trees.

In 2004, after three hurricanes, the City of Lake Wales lost several trees in the park around Lake Wales Lake where many of our City's annual events are held. These funds would help protect the remaining trees as they continue to recover and allow for continued enjoyment by our citizens as well as tourists in this park for years to come.

Your strong consideration of this application is much appreciated.

Sincerely,

A handwritten signature in black ink, appearing to read "Randy Wilkinson", is written over a faint, larger version of the same signature.

Randy Wilkinson
County Commissioner
District 2

RW/lf



Post Office Box 2445
Lake Wales, FL 33859-2445

(863) 678-1237
Fax: (863) 679-3637
E-Mail: greenhorizonLT@aol.com
www.greenhorizon.org

Green Horizon Land Trust, Inc.

Board of Directors

L. A. Wheeler III - President
Brian W. Sodt - Vice President
Kenneth Ferguson III - Treasurer
Nancy J. Bissett
Charles Geanangel
Duncan G. MacCallum
William McLin
Jerry Mincey
Doug Morrison
Kenneth D. Morrison
David M. Price
I. Weston Wheeler

Executive Director
Luther C. Parrott

Mr. Charlie Marcus
FL Dept of Agriculture and Consumer Services
407 S. Calhoun St.- Mayo Building, Room SB-8
Tallahassee, FL 32399-0800

RE: Florida Forest Health Initiative Grant

Dear Mr. Marcus,

This letter is to express my support for the City of Lake Wales grant application for \$24,000. These funds will help the city protect and maintain the beautiful historic oak trees that are currently located in our parks. This grant would provide for proper pruning of approximately 50 trees as well as protective barriers for some of the more fragile trees.

In 2004, after three hurricanes, the City of Lake Wales lost several trees in the park around Lake Wailes lake where many of our City's annual events are held. These funds would help protect the remaining trees as they continue to recover and allow for continued enjoyment by our citizens as well as tourists in this park for years to come.

Your strong consideration of this application is much appreciated.

Sincerely,

Lee Alex Wheeler, III, President



Historic Lake Wales Society

February 8, 2010

Mr. Charlie Marcus
FL Dept of Agriculture and Consumer Services
407 S Calhoun ST – Mayo Building, Room SB-8
Tallahassee, FL 32399-0800

RE: Florida Forest Health Initiative Grant

Dear Mr. Marcus,

This letter is to express my support for the City of Lake Wales grant application for \$24,000. These funds will help the city protect and maintain the beautiful historic oaks that currently grace our parks.

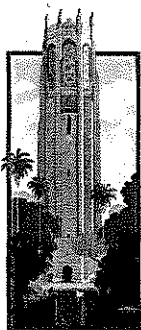
In 2004, after three hurricanes, the City of Lake Wales lost several trees in the park around Lake Wailes lake where our Pioneer Days festival is held every year. These funds would help protect the remaining trees as they continue to recover and allow for continued enjoyment by our citizens as well as tourists in this park for years to come.

Your strong consideration of this application is much appreciated.

Sincerely,

Mimi Reid Hardman, President





**BOK TOWER
GARDENS**
NATIONAL HISTORIC LANDMARK

BOARD OF DIRECTORS

William G. Burns
Chairman

Robin Gibson
Vice Chairman

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Nancy J. Davis
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Senator Bob Graham
L. Evans Hubbard
Arva Moore Parks
A. Bronson Thayer
Richard D. Wood, Jr.

EMERITUS MEMBERS

J. Shepard Bryan Jr.
M. Lewis Hall Jr.
John Germany
D. Burke Kibler III
Joan Wellhouse Newton

David Price
President

February 11, 2010

Mr. Charlie Marcus
Florida Department of Agriculture & Consumer Services
407 S. Calhoun St – Mayo Building, Room SB-8
Tallahassee, FL 32399-0800

RE: Florida Forest Health initiative Grant

Dear Mr. Marcus:

This letter is to express my support for the City of Lake Wales grant application for \$24,000. These funds will help the city protect and maintain the beautiful historic oak trees that are currently located in our parks. This grant would provide for proper pruning of approximately 50 trees as well as protective barriers for some of the more fragile trees.

In 2004, after three hurricanes, the City of Lake Wales lost several trees in the park around Lake Wailes lake where many of our City's annual events are held. These funds would help protect the remaining trees as they continue to recover and allow for continued enjoyment by our citizens as well as tourists in this park for years to come.

Your strong consideration of this application is very much appreciated.

Sincerely,

David Price
President

*Bok Tower Gardens, a nonprofit
501(c)(3) organization,
is supported by tax-exempt
gifts and contributions.*

1151 Tower Boulevard • Lake Wales, FL 33853-3470 • TEL 863.676.1408 • FAX 863.676.6770 • www.boktowergardens.org
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ONE OF AMERICA'S FINEST GARDENS



February 10, 2010

Mr. Charlie Marcus
FL Dept. of Agriculture and
Consumer Services
Mayo Building, Room SB-8
407 S. Calhoun St.
Tallahassee, FL 32399-0800

Dear Mr. Marcus:

This letter is to express my support for the City of Lake Wales grant application for \$24,000. These funds will help the City protect and maintain the beautiful historic oaks that currently grace our parks.

In 2004, after three hurricanes, the City of Lake Wales lost several trees in the park around Lake Wailes lake where our Lake Wales Art Show is held every year. These funds would help protect the remaining trees as they continue to recover and allow for continued enjoyment by our citizens as well as tourists in this park for years to come.

Your strong consideration of this application is much appreciated.

Sincerely,

Cindy Alexander
President, Board of Directors

CA/jd

ATTACHMENT H

City of Lake Wales Tree Inventory

1. Tree Protection Recommendations - February 2009
2. Summary for Maintenance Program – January 2009
3. Preliminary Findings - November 2008
4. Photos – Lake Wailes Lake Park, Athletic Complex, Crystal Lake Park
5. Google Map of Lake Wales identifying park areas

TREE PROTECTION RECOMMENDATIONS FOR LAKE WAILES PARKS

February 2009

Most of the over 570 trees in the parks around Lake Wailes and Crystal Lake are in good to excellent condition, according to the tree survey report recently completed for the City by Steve Edgar, forester for CPH Engineering of Sanford. The report created a map and data base for all of the trees in Lake Wailes, North Lake Wailes, and Crystal Lake Parks, and estimated their total value at \$6 million. "The larger trees are irreplaceable," Edgar noted, emphasizing the need for an effective maintenance program. The study, initiated by the Parks and Community Appearance Board, was funded by tree replacement fees from developers.

A number of recommendations are offered to maintain the valuable stands of trees in the parks. Protecting the root zone of trees from vehicles, including mowers, conducting a systematic pruning program, and planting new high quality trees each year are vital. "Although most of your trees are healthy now," the report states, "many are showing the first signs of decline." According to Edgar, the decline "is directly associated with damage to the trunk and root system."

City efforts to carrying out the report's recommendations have already begun with pruning and formulating a maintenance program based on the report's priorities. The highest priority for protection is the area in Lake Wailes Park from the fishing pier southward past the basketball court where the large oak trees "are spectacular with many 50 inches or more in diameter." This area gets heavy usage, especially during special events. Also a priority is the largest tree in the system, the 63-inch oak at the entrance to the athletic complex across from the Pram Fleet Building.

Crystal Lake Park is noted as having a "nice stand of oaks averaging 20 inches in diameter." Trimming hazardous branches near the playground and curtailing parking on tree roots in the unpaved lot are high on the action list. Planting additional trees on the new bike path to the Spook Hill School is suggested.

The park system has "a good balance of both species and ages," according to Edgar. The inventory catalogues the location, species, size, and condition of each tree in the three parks. Over two thirds of the trees are live oaks. Laurel oaks comprise 14%, cabbage palms 13%, and hickories 5%. Invasive species such as camphors are almost non-existent in the parks.

There is danger in having so many live oaks, even though they are "by far the best species available" Edgar warned, because insects and disease can target one species. Adding diversity is suggested with new plantings of bald cypress, hickory, sycamore, magnolia, and red cedar, as well as a few golden rain tree, royal poinciana, tabebuia, and jacaranda for accent color.

The number-one threat to trees in the park is damage to the trunks and root systems from vehicles, including mowers. Vehicles damage the roots directly and compact the soil, cutting off both water and air. Mulching and planting ground cover around the root zone will reduce mower damage, but keeping vehicles from parking directly under the trees is also necessary. Controlling vehicles is a challenge in the park system with two and a half miles of road frontage along Lake Wailes Park alone. Fencing and other barriers to keep vehicles in approved areas will be

necessary. A plan for defining grassed overflow parking areas to be used for special events is being developed by the Parks and Community Appearance Board. Education and policing are also key components of a successful program.

Only fifteen trees are slated for removal under the plan, including two ear trees, an undesirable type, and eleven dead or badly damaged laurel oaks. Two dozen trees have been identified as high priority for pruning to remove hazards. An additional 62 trees are recommended for pruning and repair in the near term.

A systematic program of pruning and fertilization is a key recommendation of the study. Large trees should be pruned annually in heavily used areas and other trees, every three years. Training of personnel will ensure that trees are not damaged. "Your standing trees are worth in excess of six million dollars, the larger trees are irreplaceable," the report notes, "these are valuable assets with the health and future of each tree at stake with each pruning cut."

Funding for tree protection and plantings will be sought from grant programs, such as Florida's Urban Forestry Grant Program, used last year with matching funds from the City's Tree Replacement Fund to plant 30 trees in Lake Wailes Park.

*For further information call the Department of Planning and Development
863.678.4182 Ext. 714*

Tree Inventory – Summary for Maintenance Program
Lake Wailes, N. Lake Wailes, and Crystal Lake Parks
 Department of Planning and Development – January 2009

SUMMARY – 3 PARKS

Tree removals: 16 trees

Pruning

Priority: 28 trees

Non-priority: 62 trees

CRYSTAL LAKE PARK

#s 24-238 = 214 trees

Issues:

Dead trees to be removed – 8

Priority pruning needed – 12 trees in playground area

Pruning – 6 trees various locations

Compaction problems – trees in parking area

Questions:

Trees in parking area are not numbered. Any data or recommendations?

Removals: 5 Laurel Oaks, 1 Live Oak, 2 Ear Trees

<u>Tree #</u>	<u>Map#</u>	<u>Tree Chx</u>	<u>Location</u>
#123	1	Laurel Oak 36"	Near Women's Club
#133 & 135 (tag 343)	2	Ear trees	NW Cor @ library
#178 (tag 349)	2	Laurel Oak 15"	Near old stage - @ shore of lake
#187 (tag 349)	3	Laurel Oak 23"	Near old stage
#188 (tag 351)	3	Laurel Oak 35"	" " "
#226	3	Live Oak 25"	East of Tourist Club
#234 (tag 369)	3	Live Oak 26"	W of dirt road W of tennis courts

Pruning/Deadwood/Crown Pruning: Priority - 12 Live Oaks; Non-priority 6 Live Oaks

<u>Tree #</u>	<u>Map#</u>	<u>Tree Chx</u>	<u>Location</u>
<i>Priority:</i>			
#s 35-45 Crowns (11 trees)	4	Live Oak 15-32"	Playground area
#61	4	Live Oak 35"	SW of parking area
<i>Non-priority:</i>			
#212	4	Live Oak 22"	West of Tourist Club
#300	4	Live Oak 37"	SW cor Orange & Lakeshore
#53 & 54	4	Live Oaks 44"/14"	53 – Playground area; 54 - ?
#62	4	Live Oak 21"	SW of parking area
#72 (tag 304)	4	Live Oak 34"	W of path from Park Ave.

NORTH LAKE WAILES (SPOOK HILL)

#s 239-269 (31 trees)

Issues:

Pruning needed – priority – 1 priority; 8 non-priority

Trees along N. Lake Wailes Drive; danger to vehicles/pedestrians

Question: #251 Live Oak 51” Map G has branches across road – no recommendation?

Removals:

No removals recommended

Pruning/Deadwood/Crown Pruning: Priority – 1 Live Oak; Non-priority – 8 Live Oaks, 1 Laurel Oak

<u>Tree #</u>	<u>Map#</u>	<u>Tree Chx</u>	<u>Location</u>
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Priority:

#250	7	Live Oak 8”	E. of parking area near school
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Non-priority:

#243	6	Live Oak 34”	N. L. W. Dr. @ Fifth St.
#245	6	Live Oak 35”	N. L. W. Dr. @ Osceola
#247	6	Live Oak 32”	N. L. W. Dr. N. of Osceola
#248	7	Live Oak 12”	E. of parking area near school
#249	7	Laurel Oak 5”	“ “ “
#256	7	Live Oak 18”	Across from school
#268	5	Live Oak 46”	Edgewater Drive
#269	5	Live Oak 9”	Edgewater Drive

ATHLETIC COMPLEX (surrounding)

WTP #270-291

Issues:

Protection of tree at entrance to athletic complex - #300 tag. Largest tree in park system 63” Live Oak.
Needs planter 15’ radius around base to protect from compaction.

#276 (WTP 295)	28	Laurel Oak 12”	E of N. Wailes @Lakeshore Outside of football field
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LAKE WAILES PARK

#s 2-289 (287 trees)

Issues:

Removal of dead trees – 7 trees
Priority pruning/crown pruning/repairs – 9 trees
Non-priority pruning - 47 trees
Stump removal from trees already removed
Compaction and mower damage

Questions:

Where are trees # 2 and 3? Also #s 205 and 206?
Which trees are which at Cephia parking lot – numbers are not on trees?
Not inventoried – triangle at 7th St. and trees around athletic complex
Missed – tree at Central Ave.? Map O
Tree near #125 and #126 across from Athletic complex (Map R) – missed? Looks dead.

Removals: 6 Laurel Oaks; 1 Cherry Laurel

<u>Tree #</u>	<u>Map#</u>	<u>Tree Chx</u>	<u>Location</u>
#29	22	Laurel Oak 27"	S. of lift station @ Tower
#53	21	Laurel Oak 41"	@ cove near road; S side trail
#110	19	Laurel Oak 25"	@ Springer & Lakeshore – near trail
#122	18	Laurel Oak 45"	Next to Pram Fleet building
#166	17	Cherry Laurel 2"	W of basketball court
#201	16	Laurel Oak 40"	Between Park & Central Ave.
#264	11	Laurel Oak 9"	E. of big curve near Polk Ave.

Priority – deadwood: 9 trees

<u>Tree #</u>	<u>Map#</u>	<u>Tree Chx</u>	<u>Location</u>
#43	25	Live Oak 20" Ex	Kiwanis – playground/picnic area
#44	25	Live Oak 27" Ex.	" " "
#45	25	Laurel Oak 20" Poor	" " "
#70	20	Live Oak 45"	East of boatramp
#180	17	Laurel Oak 17"	Near Lakeshore @ Orange
#187	16	Live Oak 33"	Entrance to park @ Park Ave.
#200	16	Live Oak 40"	Between Park and Central
#214	14	Live Oak 46" Ex	@ Polk Ave. parking area
#275	9	Live Oak 10" Poor	E. of 9 th Street
#276	9	Live Oak 11" Poor	E. of 9 th Street

Lake Wailes Park cont.

Deadwood/pruning: 47 trees

<u>Tree #</u>	<u>Map#</u>	<u>Tree Chx</u>	<u>Location</u>
#5	24	Live Oak 7"	Cephia parking lot
#10	25	Laurel Oak 26"	Near trail head – Cephia @ road
#11	24& 25	Live Oak 2" Poor	Near trail head – N side of trail
#13	25	Live Oak 2" Good	" " "
#17	25	Live Oak 2" Good	bench @ Lakeshore (across Kiwanis)
#18	25	Live Oak 2" Good	" " "
#21-25 (5 trees)	22	Live Oaks 10" Ex.	Along Tower Blvd.
#26	22	Red Cedar	Across from Tower Blvd.
#27	22	Laurel Oak 24"	S. of life station @ Tower
#28	22	Laurel Oak 27"	" " "
#48	22	Hickory 18"	E of cove W of Tower
#49	22	Laurel Oak 29"	" " "
#55	21	Live Oak 44" Ex.	W side of cove
#71 (fix cavity)	20	Live Oak 35"	E of boat ramp
#82	20	Live Oak 56"	W of boat ramp
#92	20	Live Oak 12"	Hickory area W of ramp
#163	17	Laurel Oak 6" poor	W of basketball court
#164	17	Laurel Oak 2" fair	" "
#167-169	17	Live Oaks 2-4"	S of pier parking
#173-176	17	Live/laurel oakds	"
#183 (fix cavity)	16	Live Oak 44"	Entrance @ Park Ave.
#205	15?	Live Oak 21"	
#206	15?	Live Oak 21"	
#209	15	Live Oak 16"	@ Tillman
#212	14	Live Oak 20" Good	@ Johnson
#213	14	Live Oak 15" Ex.	@ Johnson
#218	14	Live Oak 65" Ex.	N of Johnson
#220	15	Laurel Oak 28" Good	Btw Central and Tillman
#225	15	Laurel Oak 5" Good	Btw Cent. & Till next to trail
#239	13	Live Oak 13" Good	S. of Bullard
#242	13	Live Oak 44" Ex.	@ Polk Ave. parking area
#248	12	Live Oak 19" Ex.	@ big curve E of Polk parking area
#249	12	Live Oak 24" Ex.	" "
#272	10	Live Oak 20" Ex.	@ 9 th Street
#273	10	Live Oak 19" Good	"
#274	10	Live Oak 17" Good	"
#277	9	Live Oak 6" Good	E of 9 th St.
#278	9	Live Oak 8" Good	"

Trees with Mower Damage: 10 trees

<u>Tree #</u>	<u>Map#</u>	<u>Tree Chx</u>	<u>Location</u>
#2	24?	QV 10" G	Trail head – Cephia?
#3	24?	QV 18" G	" " "
#6	24	QV 6" G	S of parking @ Cephia
#9	25	QV 16" G	Across trail from sign – Cephia
#20	22	Mag 24" P	Cor of Tower & Lakeshore
#30	22	QL 30" P	E of lift station; S of trail near Tower
#34	24	QV 4" P	S of trail near new trees – Cephia end
#40	25	Pine 12" G	E edge of Kiwanis Park
#92 (correct?)	20	H 7" P	W of boatramp
#101 (correct?)	19	H 7" P	At shore W of boatramp

Tree Inventory – Preliminary Findings
Lake Wailes, North Lake Wailes and Crystal Lake Parks
November 2008

General comments:

Excellent resource/community asset

Will become more valuable as “central park” type open space as community grows

Well-used park system

Good canopy

Good species, predominantly live oaks, but diversification recommended

Number of trees:

Crystal Lake	214
N. Lake Wailes	31
Lake Wailes	287
Athletic complex	38?
TOTAL	570

Size – Average size – 20” caliper

Distribution

Good distribution, low number of invasive species

Live oaks	60%
Laurel oaks	15%
Cabbage palms	10%
Hickory	5% (Good species)
Camphor	1-2% (invasive)

Value of trees

Estimate \$6 million

Overall Priorities:

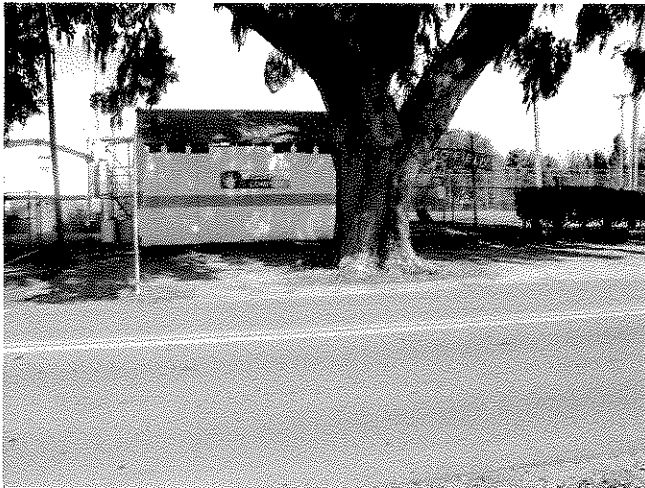
- Pruning large trees – esp. in Crystal Lake playground
- Annual pruning of young trees
- Planting new trees each year.

Recommendations

- Priority areas for work: Along N. Lake Wailes Dr. and in Crystal Lake Park
- Remove 16 trees
- Priority pruning (hazardous) – 28 trees
- Non-priority pruning – 62 trees
- Diversify species with new plantings – suggests hickory, shumard oak, sycamore, bald cypress, longleaf pine, and magnolias
- Protect root zones from compaction and mower damage – mulch or low plantings 10-ft. around base
- Most cost-effective range for planting – 4-6” caliper trees
- Slow-release fertilizer use
- Pruning program for young trees to ensure wind stability; crown pruning for larger trees periodically



Trees in the “Festival” area of the Lake Wailes Park will be pruned, and barriers will be installed to prevent vehicles from driving and parking on the root systems. The 2008 tree study noted that the large oaks in this area are “are spectacular with many 50 inches or more in diameter.”



The 63-inch caliper live oak at the entrance to the ball fields will be fenced to prevent parking on the roots of this spectacular tree.



Barriers will be installed to curtail damage to the oak trees in the parking lot of Crystal Lake Park.



The oaks around Crystal Lake playground will be pruned to remove hazards in and around the play area.

