

RESOLUTION NO. _____

A RESOLUTION AUTHORIZING THE ADMINISTRATOR FOR THE DEPARTMENT OF PUBLIC WORKS TO APPLY FOR AND, IF AWARDED, ACCEPT A GRANT FROM THE LYNDHURST FOUNDATION FOR EAST LAKE PARK PHASE ONE – LAKE RESTORATION AND WATER QUALITY IMPROVEMENT PLAN AND TO EXECUTE A GRANT AGREEMENT IN THE AMOUNT OF TWO HUNDRED THOUSAND DOLLARS (\$200,000.00) IN TWO PARTS, WITH THE CITY’S PORTION IN THE AMOUNT OF FOUR HUNDRED THOUSAND DOLLARS (\$400,000.00), FOR A TOTAL PROJECT COST IN THE AMOUNT OF SIX HUNDRED THOUSAND DOLLARS (\$600,000.00).

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, TENNESSEE, That the Administrator for the Department of Public Works is hereby authorized to apply for and, if awarded, accept a grant from the Lyndhurst Foundation for East Lake Park Phase One – Lake Restoration and Water Quality Improvement Plan and to execute a grant agreement in the amount of \$200,000.00 in two parts, with the City’s portion in the amount of \$400,000.00, for a total project cost in the amount of \$600,000.00.

Part One is to enter into a contract with the Lyndhurst Foundation for the planning of the proposed improvements, the new water quality management strategies, and the associated educational program in the amount of \$100,000.00.

Part Two is to accept funding upon completion of the plans for the improvements and affiliated programs and upon receipt of an updated budget for the project, indicating sources for the funding of the proposed project components in the amount of \$100,000.00.

ADOPTED: _____, 2015

/mem

City of Chattanooga



Resolution/Ordinance Request Form

Date Prepared: November 24, 2015

Preparer: Jim Lubbering/Bonnie Mumpower

Department: Public Works

Brief Description of Purpose for Resolution/Ordinance:

Res./Ord. # _____ Council District #

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Council approval is requested to accept a grant from the Lyndhurst Foundation for East Lake Park Phase One: Lake Restoration and Water Quality Improvement Plan and to execute a grant agreement in the amount of \$200,000.00 in two parts. Part one to enter into a contract with Lyndhurst Foundation for the planning of the proposed improvements, the new water quality management strategies, and the associated educational program in the amount of \$100,000.00. Part two to accept funding upon completion of the plans for the improvements and affiliated programs and upon receipt of an updated budget for the project, indicating sources for the funding of the proposed project components for the amount of \$100,000.00.

| | | | |
|---------------------------------------|-----------------------------|---|------------|
| Name of Vendor/Contractor/Grant, etc. | <u>Lyndhurst Foundation</u> | New Contract/Project? (Yes or No) | <u>Yes</u> |
| Total project cost | \$ <u>600,000.00</u> | Funds Budgeted? (YES or NO) | <u>NO</u> |
| Total City of Chattanooga Portion | \$ <u>400,000.00</u> | Provide Fund | _____ |
| City Amount Funded | \$ _____ | Provide Cost Center | _____ |
| New City Funding Required | \$ \$ <u>400,000.00</u> | Proposed Funding Source if not budgeted | _____ |
| City's Match Percentage | % <u>67%</u> | Grant Period (if applicable) | _____ |

List all other funding sources and amount for each contributor.

| <u>Amount(s)</u> | <u>Grantor(s)</u> |
|---------------------|-----------------------------|
| <u>\$200,000.00</u> | <u>Lyndhurst Foundation</u> |
| <u>\$200,000.00</u> | <u>FY17 Water Quality</u> |
| <u>\$200,000.00</u> | <u>FY18 Water Quality</u> |

Agency Grant Number _____

CFDA Number if known _____

Other comments: (Include contingency amount, contractor, and other information useful in preparing resolution)

All Water Quality funds are proposed for future funding.

Approved by: _____

Reviewed by: FINANCE OFFICE

DESIGNATED OFFICIAL/ADMINISTRATOR

Please submit completed form to @budget, City Attorney and City Finance Officer

Revised: 1/26/09



LYNDHURST FOUNDATION

Revised
NOV 23 2015

CB

MACON C. TOLEDANO, ASSOCIATE DIRECTOR

mtoledano@lyndhurstfoundation.org

November 18, 2015

Mr. Lee Norris
Administrator Public Works
City of Chattanooga
Public Works Department
1250 Market Street #2100
Chattanooga, TN 37402

Dear Mr. Norris,

I am pleased to confirm that the Lyndhurst Foundation will provide a grant of \$200,000.00 payable to the City of Chattanooga Department of Public Works and restricted to the support of Lake Restoration and Water Quality Improvements in East Lake Park. The grant is comprised of two components:

- The first installation of the grant, for which a contract is enclosed, includes \$100,000.00 for the planning of the proposed improvements, the new water quality management strategies, and the associated educational program.
- The second installment of \$100,000.00, which is intended for use in the implementation of the project, will be issued upon completion of the plans for the improvements and affiliated programs and upon receipt of an updated budget for the project, indicating sources for the funding of the proposed project components in addition to the grant funding.

Please read the terms of the attached grant contract carefully and call me if any of the conditions are unclear or unacceptable. Sign and return it to indicate your approval of the conditions included therein. If any of the information we have filled in on the contract is incomplete or incorrect, please notify me before you sign and return it. As soon as the contract has been returned to us, we shall mail you the check.

We are excited to have this opportunity to assist the City of Chattanooga with the planning and implementation of this exciting project. Please keep us apprised of your progress as the project proceeds.

Sincerely,

A handwritten signature in blue ink that reads "Macon C. Toledano". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Macon C. Toledano

MCT/cc

Enclosure

GRANT CONTRACT

Organization: City of Chattanooga **Telephone:** 423-757-4870
Address: Public Works Department **Fax:** 423-757-0586
1250 Market Street # 2100
Chattanooga, TN 37402

Project Director: Mr. Lee Norris **Telephone:** 423-643-6000
Address: Public Works Department **Fax:** 423-643-6008
1250 Market Street #2100
Chattanooga, TN 37402

Amount of Grant: \$100,000.00 **Date of payment:** _____

Program Title: East Lake Park Phase One: Lake Restoration and Water Quality Improvement Plan

Description: This grant provides support for a lake restoration and water quality improvement plan for East Lake Park.

The following terms are agreed upon as conditions of this grant:

- 1) The organization has provided to Lyndhurst Foundation a copy of its ruling from the IRS indicating that it is exempt from tax under section 501-c-3 of the Internal Revenue Code (IRC) and is an organization described in section 509-a-1, 2, or 3. Any changes in that ruling will be reported to the Lyndhurst Foundation immediately.
- 2) The funds will be used by the above-named organization solely for the purpose described.
- 3) The organization will not intervene in any election or support or oppose any political party or candidate for public office, or engage in any lobbying that is not permitted by section 501-c-3 of the IRC or, if applicable, section 501-h and 4911. This grant is not earmarked in any way to support or carry on any lobbying or voter registration activity. The organization has provided to Lyndhurst Foundation evidence that the amount of this grant does not exceed its total expenditures for non-lobbying and non-voter registration activities in the current fiscal year.
- 4) The organization will keep and maintain records of expenditures adequate to check the use of the grant readily. Annual reports concerning budget, personnel, and program developments will be completed and returned to Lyndhurst.
- 5) The organization will repay, upon demand, to Lyndhurst Foundation the amount of the grant if any condition of the contract is not upheld.
- 6) The organization will send to the Foundation copies of any printed publicity regarding the awarding of the grant to the program supported by the grant; the organization may, if it chooses, refer to Lyndhurst's support in any such publicity.
- 7) The following special condition will be observed:

The terms of this contract are accepted by:

(Name)

(Organization)

(Name)
Lyndhurst Foundation

(Organization)

East Lake Park: Lake Restoration Program and Water Quality Improvements



Department of Public Works
Nov. 24, 2015

Scope:

The proposed scope of work for Water Quality Improvements at East Lake Park would consist of a two-phase approach detailing the planning, design, construction, and water quality educational and community outreach aspects of the project.

Phase I of the proposal would include conducting an ecological assessment and identifying appropriate measures for lake restoration and remediation management. The assessment would determine the best approach for: 1) silt removal, 2) plant and fish management, 3) lake shore line stabilization and enhancement, 4) analyzing inflow and outflow conditions, and developing a restoration plan and cost schedule for construction and lake rehabilitation management. The restoration plan shall also include long-term plant and fish management. The restoration plan shall include a design/engineering plan for lake shore line enhancement for structures that can be incorporated to enhance lake features for water quality educational purposes.

The additional components to Phase I consist of developing a concept and preliminary design for Best Management Practices (BMP) with Green Infrastructures (GI) at various locations around the lake to reduce the inflow of sedimentation into the lake.

One of the most important aspects of this proposal is developing an educational opportunity at East Lake Park by partnering with local schools and neighborhood groups.

Phase II will include construction and implementation of project elements (Lake Restoration, Green Infrastructure improvements and Water Quality Education) proposed in phase I.

Phase I

1. Lake Restoration Plan
 - a. Assessment of lake/survey sediment quantity

- b. Determine best approach for lake remediation
- c. Design shore/embankment enhancements
- d. Plans for plant and fisheries management
- e. Lake rehab/construction management
- f. Development of long-term fish and plan management plan
- 2. Green Infrastructure Improvements Plan
 - a. Conceptual and Preliminary designs
 - i. Site slope stabilization
 - ii. Control runoff from areas around the lake through GI
 - iii. GI trail
 - iv. Lake inlet BMP measures
- 3. Education and outreach Plan
 - i. Outdoor educational spaces (in and around the lake) for schools and the community
 - ii. Ecosystem (stormwater and lake systems) demonstration
 - iii. GI demonstration
 - iv. Interactive signage
 - v. Community involvement

Phase II

- 1. Lake restoration
 - a. Sediment removal/construction management
 - b. Plant and fish removal/management
 - c. Shoreline stabilization
- 2. Final Design and Construction
 - a. Sediment control and Green infrastructure improvement
 - b. Install educational components

Grant Budget Estimate:

The Department of Public Works Water Quality Program is seeking grant funding for the development of the lake restoration plan, education plan, and implementation of GI educational and ecosystem demonstration practices.

\$200,000 Grant Budget

- o \$100,000 Phase I – Restoration & Educational Plan and Design
- o \$100,000 Phase II – Implementation of GI educational and ecosystem demonstration practices

Water Quality Fund Budget Estimate:

- Phase I – Conceptual and preliminary design for GI
 - Design by Water Quality Staff

- Phase II
 - Lake Restoration and construction
 - \$200,000
 - GI Final design and construction
 - Final Design and Project management by Water Quality staff
 - BMPs Construction by Water Quality staff
 - \$150,000 Materials
 - \$50,000 Additional services

Total Water Quality Fund Budget Estimate: \$400,000