



**City of Mountain Park  
118 Lakeshore Dr.  
Roswell, GA 30075**

**Phone: (770) 993-4231**

**Fax: (770) 993-5903**

## **REQUEST FOR PROPOSAL ENGINEERING AND PLANNING SERVICES**

### **Identification of Sediment Removal Options and Costs for Lake Garrett Located in Mountain Park, GA**

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#### **1. Purpose**

It is the desire of the City of Mountain Park, GA to consult with a selected vendor to identify sediment removal options at various cost points based on a recently completed sediment assessment of Lake Garrett. The sediment assessment will be provided with this Request for Proposal. The sediment assessment was performed on the open water portion of Lake Garrett which is approximately 2500 feet in length and 250 feet in width. Open water includes the areas with aquatic weeds and rooted herbaceous vegetation and does not include any areas with woody trees and shrubs.

The deliverables of this study will be shared with our constituents via town hall meetings to better understand their desire for increased investment in our lakes.

#### **2. Background**

Lake Garrett is a man-made lake created circa 1920. The lake has slowly filled in with silt in its upper reaches reducing the open water portions significantly. The area of potential sediment removal comprises the open water portions shown in the following map:



The sediment volumes determined by the previous sediment survey allow the City to apply typical unit rates for sediment removal to calculate approximate cost ranges. However, the confines of Lake Garrett are expected to affect removal costs. These factors may include, but are not limited to, lake access, stream and lake buffers, traffic patterns, buried utilities, overhead power lines, limited staging or dewatering areas, and ability to lower the pool elevation of Lake Garrett while minimizing impacts on Lake Cherful, immediately below Lake Garrett. Therefore, the City issuing this RFP for conceptual engineering/planning services to assist in refining cost estimates based on existing site conditions.

Engineering/construction drawings are not requested as part of this scope. In order to control cost, conceptual drawings and sketches atop readily available base mapping (Eg. aerial imagery or topographic mapping) is adequate for this study.

### 3. Scope of Work

- Provide a range of sediment removal options for Lake Garrett at three different budgetary cost points:
  - Up to \$500,000
  - Up to \$1,500,000
  - Above \$1,500,000

Note: price points are general guidelines only

- As part of this effort, firms should provide an estimate of likely remaining useful life of current lakes.
- In addition to removal of current sediment we are also looking for means to limit or at least more easily remediate future sediment deposits for certain high-risk areas of our lakes.
- Project deliverables should identify intended means and methods for each option,
  - Proposed means of lake access
  - Lake draw down requirements
  - Dewatering requirements
  - Project management and compliance requirements if any option is chosen
  - Equipment that may be used and proposed for sediment removal.
  - Estimated duration of remediation efforts.
- Proposals should identify included level of support provided for participation at town halls, etc. and/or any additional costs required to support those activities.
- Provide guidance/resources regarding any public or private funding that may be available to assist in this effort.
- Proposals should name the project Principal, as well as the staff that will be performing the work. The

academic background, job qualifications, and experience for the staff performing the study shall be included in the proposal.

**Deliverables will include:**

- Two (2) hard copies of the study report are required as well as MS Word soft copies.
- Examples of prior work that might be pertinent to winning the RFP

**4. Fee**

The vendor shall provide a lump sum fee for all items that are presented in the Scope of Work section.

The vendor is requested to provide a fee schedule in case additional work is requested by the City.

**5. Schedule of Events & Submission**

This Request for Proposal will be governed by the following schedule:

**September 13, 2017 - Release of Request for Quote**  
**October 2, 2017 by 3:00 PM - Deadline for Receipt of Written Questions**  
**October 16, 2017 by 3:00 PM - Responses Due**

Responses and written questions can be sent via U.S. Mail or equivalent courier service, via e-mail, or via facsimile. Responses and written questions should be sent to:

**City of Mountain Park**  
**Attn: City Clerk**  
**118 Lakeshore Dr.**  
**Roswell, GA 30075**  
**Email: [city.clerk@mountainpark-ga.gov](mailto:city.clerk@mountainpark-ga.gov)**  
**Fax: (770) 993-5903**

**6. Applicable Reference Documents**

- Sediment Study Lake Garrett Project Number 2016.5869.01