



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

Phone: (770) 993-4231

Fax: (770) 993-5903

REQUEST FOR QUOTE

Services for a Sediment Study for Lake Garret Located in Mountain Park, GA

1. Purpose

It is the desire of the City of Mountain Park, GA to consult with a selected vendor to provide a sediment study for the open water portion of Lake Garret which is approximately 2500 feet in length and 250 feet in width. This study is to determine the approximate sediment depths to aid in planning for future dredging efforts. Open water includes the areas with aquatic weeds and rooted herbaceous vegetation and does not include any areas with woody trees.

2. Background

Lake Garret is a man-made lake created circa 1920. The lake has slowly filled in with silt in its upper portions reducing the open water portions significantly. The area of study includes the portions shown in the following map



3. Scope of Work

- The purpose of the work is to determine lake water depth down to top of sediment and approximate sediment depth down to original hardpan at sufficient representative measurement locations to allow reasonable estimation of sediment depths within the study area.
- Water and sediment depth at each measurement location should be measured and reported to the nearest 0.1 foot (one tenth of a foot).
- Proposals should clearly state intended means and methods, including equipment that may be used and proposed number of sample locations.
- Proposals should name the project Principal, as well as the staff that will be performing the field assessment. The academic background, job qualifications, and experience for the staff performing the field assessment shall be included in the proposal.
- The sediment study shall include a narrative report describing results including data collected and applicable figures and photographs. The content of the report shall include but not be limited to background information on watershed, data collection methods including water & sediment depth estimations on sediment volume and distribution, and a section giving conclusions and recommendations as applicable.
- **Safety** – The contract winner acknowledges that it is solely responsible for site safety for its personnel during the course of this work, including use of personal flotation devices while employing watercraft or deep-wading. The contract winner further acknowledges that Lake Garret and its feeder stream are in an urban/suburban watershed
- **Site Conditions** – The proposed project area includes deep water areas near the dam, medium depth areas where small watercraft may be useful, and areas where floating watercraft or devices may be precluded by shallow water, thus wading is required. Soft substrate and difficult wading conditions should be expected.

Deliverables will include:

- Two (2) hard copies of the study report are required.
- A reasonably scaled results figure or site map should be provided with the base figure/map consisting of an existing source such as internet-available scaled aerial imagery and/or County photogrammetric mapping and/or LiDAR mapping.
- Sampling Location Map: Sampling locations, including the corresponding water and sediment depth should be indicated on the site map
- Sediment Probing Data tabular format.
- Water Depth Contour Map
- Sediment Thickness Contour Map
- Stratigraphic descriptions or analysis of sediment (which may include organic material, sand, silt, and/or clay) is not required.
- Electronic deliverable (e.g. AutoCAD) that will allow the calculation of sediment removed for different depths and locations of the lake.

4. Fee Schedule

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

Lake Assessment Deliverable: \$ _____

In the event that additional sampling is needed, the vendor shall include a price per each fee schedule for the following:

Water & Sediment Depth Measurement – Each \$_____

5. Schedule of Events & Submission

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

**July 27, 2016 - Release of Request for Quote
August 10, 2016 by 3:00 PM - Deadline for Receipt of Written Questions
August 26, 2016 by 3:00 PM - Responses Due
September 26, 2016-Bid Award**

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
Fax: (770) 993-5903**

Along with vendor contact information, the following project information shall be included with all submissions:

Sediment Study for Lake Garret, Mountain Park, GA