

**Chatsworth Elementary Rain Garden Green
Infrastructure Project - Request for Proposals**

Bids for the project known as: Chatsworth Elementary Rain Garden Green Infrastructure Project will be received by Limestone Valley RC&D until May 28, 2021.

For copies of the bid package please contact:

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The services to be performed under this contract include the design and project oversight of a Rain Garden Green Infrastructure system which will utilize techniques found in the Georgia Stormwater Management Manual to capture and treat stormwater, remediate soil, and prevent erosion at the site. This installation may eventually be used as part of an outdoor classroom for teachers incorporating subjects such as the water cycle and the role of pollinators in their lesson plans.

Limestone Valley RC&D has received funds via grant resources to provide these site improvements at Chatsworth Elementary.

Project Location:

The Chatsworth Elementary Rain Garden Green Infrastructure Project is located in Chatsworth, Murray County, Georgia. The property is accessed via School Street off of W Market Street.

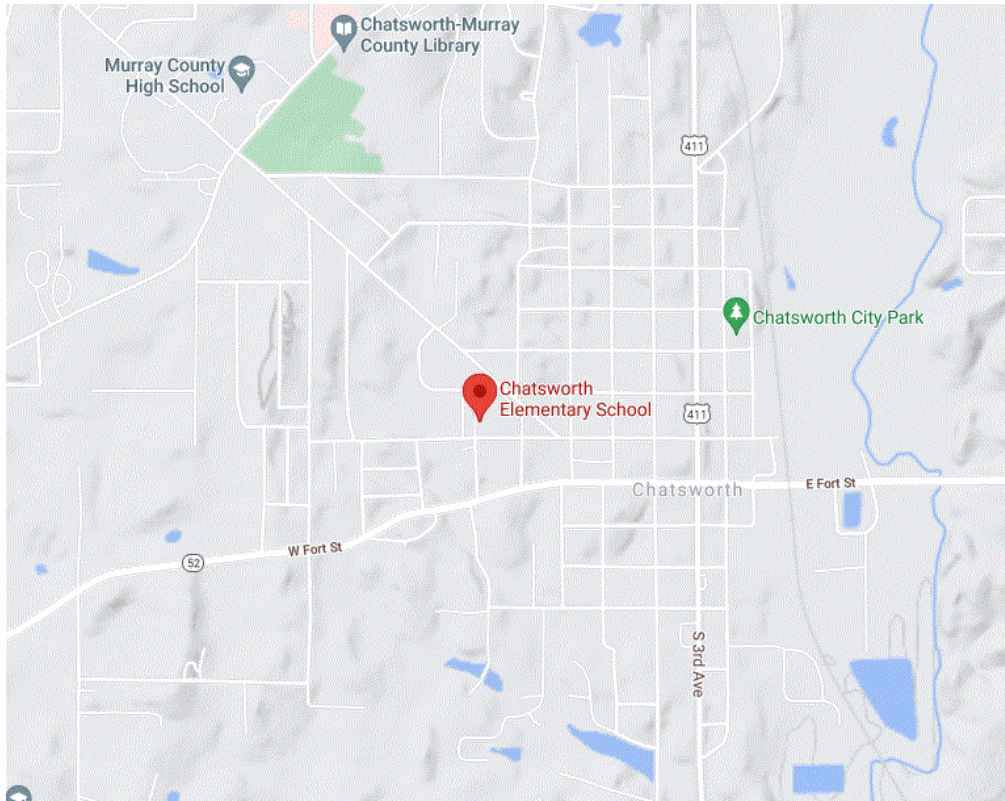


Figure 1. Chatsworth Elementary Rain Garden Green Infrastructure Project, Chatsworth, GA 30750



Figure 2. Rain Garden swale locations (labeled with red stars). Playground is located in the center of impervious road surfaces.

Project Description:

The goal of this project is to address stormwater runoff from the roof of the Chatsworth Elementary gymnasium (building to the NE of playground) which exits through downspouts uphill of the playground. During rain events, sheetflow runs downhill across the pavement into the playground, where it carries away sediment and mulch causing scouring and erosion (approximate path of runoff shown in Figure 2 by red arrows).

Due to the topography of the site, sheetflow then continues downhill from the playground across the pavement and on to the field to the West. As can be seen in Figure 2, this sheetflow has washed away large areas of topsoil on the western side of the site which is likely contributing sediment loads to the Holly Creek watershed. The impacts of erosion at Chatsworth Elementary have also been causing grounds management difficulties as the school must routinely replace the washed away topsoil and mulch in the playground.

Upon completion of the project, stormwater falling within the eastern side of the site will be directed to a water quality swale on the northwest corner of the playground (shown in Figure 2 by small red star). Once this swale is saturated, water will be conveyed under the concrete through a French drain into a rain garden in the large field on the western side of the site (rain garden location shown in Figure 2 by larger red star).

The plant palette for the site should be primarily native to the Ridge and Valley ecoregion. The contractor will provide planting recommendations as part of their design specifications.

Scope of Services:

Design and Project Oversight

Proposals are being sought for design plans and project oversight of the Water Garden Green Infrastructure Project at Chatsworth Elementary. Designs must utilize techniques found in the Georgia Stormwater Management Manual and also include load reductions based on the STEPL tool. A Murray County work crew will be installing the design and Limestone Valley RC&D will be utilizing grant funds to purchase the necessary materials.

Qualifications of Bidders:

Contractors interested in pursuing the project are to provide **three examples of previous work** reflecting similar projects that involve the implementation of innovative stormwater facilities. Bidders shall submit a brief written summary of these projects to include (at a minimum):

- project name,
- project location,
- project scope of work
- project budget (if final differs from originally contracted budget, please provide a general explanation of increases),
- project reference,
- sample photographs of finished products,
- timeline in which project was completed.

The Limestone Valley RC&D staff will evaluate proposals. Proposals will be evaluated on the basis of experience, qualifications, cost, and availability and capacity to conduct work within the available timeframe. Final selection will be based on the evaluation of proposals unless it is deemed necessary by the committee to conduct interviews of closely scored contractors. The contractor determined best qualified to perform the work will be recommended for contract award to the Limestone Valley RC&D Council. In the event your firm is selected to commence negotiations with the Limestone Valley RC&D Council regarding any proposals, applications will be evaluated on the following criteria:

- A. Responsiveness of the request for qualifications and/or proposal to the purpose and scope of services.
- B. Ability and history of successfully completing contracts of these types, meeting projected deadlines, experience in similar work.
- C. Performance data, references, key personnel.

Important Dates (subject to change):

- Request for Bids Distributed: May 21, 2021
- Bids Due: May 28, 2021
- Bid Award: June 2, 2021
- Design Finalized: June 25, 2021
- Construction anticipated to begin: June 30, 2021

Site Photographs:



Photo 1. Swale location, NW corner of playground.



Photo 2. Proposed Rain Garden location.