



FEE AGREEMENT

PROPOSAL #: 017

DATE: September 12, 2023

TO: Dr. Hameed Malik, Ph.D., PE
Augusta Engineering Dept.

SENT BY: PHONE 706-796-5040
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RE: Rocky Creek Flood Risk Reduction Project

BY: Trevor A. Wimberly, P.E.

TIME FRAME: Phase 1 – Ten (10) weeks from Notice to Proceed; Phase 2 – six (6) weeks from completion of Phase 1

FEE ARRANGEMENT:	Phase I – Research and Planning	\$48,850
	including Environmental Support (By Others)	\$67,965
	Phase II – Schematic Design (30%)	\$44,850
	Total (Lump Sum)	\$161,665

Estimated Reimbursables: \$2,000 (printing, mileage, etc.) not included in the Lump Sum fee above, to be billed per the attached fee schedule.

SCOPE OF SERVICES:

General: The purpose of the services provided by JLA under this contract is to provide preliminary engineering design support to provide flood mitigation for Rocky Creek between I-520 and Gordon Hwy. in Augusta, Georgia. Two project areas are included in the flood risk reduction along Rocky Creek: Area 1 – Between I-520 and North Leg Road and Area 2 - Between Wheelless Road and Gordon Hwy. Each area will use various methods of runoff storage to help protect downstream properties. Area 1 design, approximately 94 acres, will include dam modifications to the existing Rosedale dam and construction of an earthen dam near North Leg Road to restrict runoff and create storage for flood waters for increased stormwater events. Area 2 design, approximately 120 acres, will include inline and/or overflow ponds to create storage for flood waters for increased stormwater events as well as provide recreation for local Augusta-Richmond County (ARC) citizens.

- I. Research and Planning:
 - A. JLA will conduct field investigations along Rocky Creek for Area 1 and Area 2. This will include walking Rocky Creek, collecting existing condition information, taking photos, measurements and additional data that would be critical for the design. Three (3) site visits are included for each area.
 - B. Develop observation reports of findings from field investigations.
 - C. JLA will utilize GIS data as well as existing CAD files provided by the Owner to create base maps for both Area 1 and Area 2.
 - D. Environmental Support (By Others) – Please see the attached Scope of Work by Pond & Company on the Environmental Support provided for this project.

- II. Schematic Design (30%)
 - A. Complete preliminary hydrology study for Area 1 and Area 2 to determine flood stages for designated storm events.
 - B. Review existing files and drawings provided by AED on layout concepts. JLA will incorporate GPS mapping and environmental field survey data from Pond & Company into the project base maps. From concept plan review, JLA will provide concepts modifications as necessary and provide recommendations to be presented to AED for review.

- i. Area 1 – Establish outlet control for Rosedale Dam and stormwater storage area; Provide location of new earthen dam, outlet control structure and projected stormwater storage area west of North Leg Road.
 - ii. Area 2 – Provide location of stormwater storage pond(s), inlet point(s) and outlet control. Develop concept design of recreational park including but not limited to parking, drive access and pedestrian walking trails.
- C. Define necessary permits and specific permitting issues including preliminary wetland impacts.
D. Define necessary easements required for development of flood mitigation areas.

SPECIAL CONDITIONS:

Supporting Services that are not included in this fee proposal:

1. Georgia EPD NPDES and ARC Land Disturbance Permitting
2. Georgia DOT Encroachment Permitting
3. Boundary and Topographic survey
4. Geotechnical Investigation and Reports