

1 **STATE OF GEORGIA**  
2 **COUNTY OF DEKALB**  
3 **CITY OF STONECREST**  
4

5 **RESOLUTION NO. \_\_\_\_\_**  
6

7 **A RESOLUTION BY THE MAYOR AND CITY COUNCIL OF THE CITY OF**  
8 **STONECREST, GEORGIA AUTHORIZING THE EXECUTION OF A SECOND**  
9 **AMENDMENT TO THE CONTRACT WITH CORPORATE ENVIRONMENTAL RISK**  
10 **MANAGEMENT FOR ENGINEERING AND DESIGN SERVICES AT SOUTH RIVER**  
11 **STREAM BANK RESTORATION AT PANOLA SHOALS TRAILHEAD IN AN**  
12 **AMOUNT NOT TO EXCEED SEVENTY-FIVE THOUSAND DOLLARS AND 00/100**  
13 **CENTS (\$75,000.00); AND FOR OTHER PURPOSES.**

14 **WHEREAS**, the City of Stonecrest, Georgia (the “City”) is a municipal corporation  
15 duly organized and existing under the laws of the State of Georgia, and is charged with  
16 providing public services to its residents; and

17 **WHEREAS**, the City entered into a contract with Corporate Environmental Risk  
18 Management (“Contractor”) to provide Engineering and Design Services at South River Stream  
19 Bank Restoration at Panola Shoals Trailhead ("Project") within the City of Stonecrest  
20 (“Contract”); and

21 **WHEREAS**, the original cost of the Project was ONE TWENTY-FOUR THOUSAND  
22 NINE HUNDRED THRITY DOLLARS AND 00/100 CENTS (\$124,930); and

23 **WHEREAS**, amendment number one to the Contract was previously approved on  
24 September 23, 2024, for additional engineering and design services in the amount of ONE  
25 HUNDRED SEVEN THOUSAND FIVE HUNDRED FORTY DOLLARS AND 00/100 CENTS  
26 (\$107,540.00); and

27           **WHEREAS**, two major rainfall events resulted in severe erosion and changes to site  
28 conditions for the Project; and

29           **WHEREAS**, a scour analysis and additional design services are needed to address changes  
30 to site conditions on Panola Shoals Riverbank; and

31           **WHEREAS**, the cost of the additional work is SEVENTY-FIVE THOUSAND  
32 DOLLARS AND 00/100 CENTS (\$75,000.00); and

33           **WHEREAS**, the City desires to enter into the second amendment to the Contract to  
34 complete the remaining work and approve the extra funding for the Project.

35           **NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF STONECREST,**  
36 **GEORGIA, HEREBY RESOLVES**, that the Mayor, on behalf of the City, is hereby authorized  
37 to execute the second amendment to the Contract for Engineering and Design Services at South  
38 River Stream Bank Restoration at Panola Shoals Trailhead with Corporate Environmental Risk  
39 Management.

40           **BE IT FURTHER RESOLVED**, that the cost of the work shall not exceed SEVENTY-  
41 FIVE THOUSAND DOLLARS AND 00/100 CENTS (\$75,000.00).

42           **BE IT FURTHER RESOLVED**, that the proposal for the additional work and cost is  
43 detailed in Exhibit A attached.

44           **BE IT FURTHER RESOLVED**, that the City Attorney or his designee is directed to  
45 negotiate, prepare, and/or review a contract amendment, to affect the intent of this resolution  
46 provided that such contract amendment is in compliance with the conditions set forth herein.

47           **BE IT FURTHER RESOLVED**, that the contract amendment will not become binding  
48 upon the City and the City will incur no obligation or liability under it until it has been executed  
49 by the Mayor, attested to by the City Clerk and approved by the City Attorney as to form.

50           **BE IT FURTHER RESOLVED**, to the extent any portion of this Resolution is declared  
51 to be invalid, unenforceable, or nonbinding, that shall not affect the remaining portions of this  
52 Resolution.

53           **BE IT FURTHER RESOLVED**, all City resolutions are hereby repealed to the extent they  
54 are inconsistent with this Resolution.

55           **BE IT FINALLY RESOLVED**, this Resolution shall take effect immediately.

56  
57 **RESOLVED** this \_\_\_\_\_ day of \_\_\_\_\_, 2025.  
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61                           **[SIGNATURES ON THE FOLLOWING PAGE]**  
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**CITY OF STONECREST, GEORGIA**

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**Jazzmin Cobble, Mayor**

**ATTEST:**

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**City Clerk**

**APPROVED AS TO FORM:**

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**City Attorney**

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## **EXHIBIT A**



April 25, 2025

Ms. Gia Scruggs, MBA, CPM  
City Manager  
City of Stonecrest  
3120 Stonecrest Blvd.,  
Stonecrest, GA 30038  
T: 770-224-0200  
M: 470-542-0017  
[gscruggs@stonecrestga.gov](mailto:gscruggs@stonecrestga.gov)

**RE:                    Proposal for Design Revisions**  
South River Stream Bank Restoration at Panola Shoals Trailhead  
City of Stonecrest, GA  
CERM Proposal No. 0724-01060

Dear Ms. Scruggs:

Corporate Environmental Risk Management (CERM) is pleased to submit this proposal for the referenced project. Our understanding of the project requirements is based on several meetings with you, site visits, and our experience with similar projects. The following will present our understanding of the project, scope of work, and our proposed associated costs to perform the stated scope of work.

## **1     PROJECT BACKGROUND**

The South River Streambank at the Panola Shoals Trailhead is currently under construction. However, a number of historic rain events over the last 6 months have drastically impacted the hydrology of the site. The latest of which was a February 2025 severe storm, which brought heavy rain to metro Atlanta which caused flooding, widespread damage, including downed trees and power outages in multiple counties. The intense rainfall caused significant river flooding, and the South River experienced extremely high flood stages. The rapid increase in water velocity hastened erosion of the project site by removing significant earth and carrying it down river. Additionally, the impact from this episodic natural disaster has negatively affected the project's erosion control best management practices (BMP's) and has changed the existing conditions.

The contractor has halted construction until further guidance is provided from the design team to ensure that the project's construction progresses as planned and considers the worsening extreme weather that is occurring more frequently than before.

## **2     SCOPE OF WORK**

CERM will obtain a newly revised survey of the project site to be performed (by Others). In order to

**CORPORATE HEADQUARTERS**

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[cerm.com](http://cerm.com)



properly mitigate the potential risks associated with these extreme storm events, CERM has garnered the expertise of a specialty subconsultant that specializes in water resources engineering, CA Engineering. The scope of work consists of (1) developing an accurate hydraulic model of the South River within the project impact area, (2) conducting a scour analysis to determine the depth of impact and (3) revising and updating the construction plans and record documents. Below are the work tasks associated with this project:

## **Work Tasks**

### **2.1 Project Management**

This task includes administration of this contract with the Client and coordination with project's sub-consultants. Under this task, the Project Manager will establish a seamless project team effort. In addition, this task includes coordinating resources, tasks, and team members to ensure this aspect of the project is completed on time, within budget, and to the required quality. Under this task project meetings, coordination, budget and scheduling will be completed.

### **2.2 Review of Field Survey and Update to the Existing Conditions**

CERM will revise the existing conditions with the new topographic survey (by others). In addition, we are requesting approximately nine cross-sections of the South River. The topography is required to develop an accurate model of the channel shape. In addition, as well as the as-built geometry of the bridge for input into the model. This scope will be completed by the contractor.

### **2.3 Hydrologic and Hydraulic Model and Scour Analysis**

Specialty subconsultant CA Engineering will develop a hydraulic model based on the existing conditions and public hydrological data. They will gather and input all the preliminary data and develop a 1-D Model. CERM will verify the results using GEO-HEC RAS for a 1-Dimensional Hydrologic and Hydraulic (H&H) modeling tool.

The model will delineate a watershed of the drainage area that contributes to the South River at the project site. The model will estimate the South River peak discharges for the 1-, 2-, 4-, 10-, and 50-percent chance of occurrence (corresponding to the 100-, 50-, 25-, 10-, and 2-year return periods, respectively) using land cover data from the NLCD 2006 impervious dataset and the statistics of the USGS report 2023-5006.

The team will use the model to perform a scour analysis in the area of the proposed wall to determine the depth of scour. This parameter is crucial for ensuring the stability of the wall system, since this area is prone to floods and heavy water flow. Scour depth equations implicitly assume that an unlimited depth of material is available to be scoured. Therefore, CERM will reconcile the calculated scour depth with the actual subsurface profile. Our geotechnical engineers will identify any non-erodible layers in the channel profile.

### **2.4 Design**

CERM will use the recommendations from the Hydrologic Model and the Scour Analysis to design additional, shoring, stabilization and hard armoring of the wall system to protect against future storms. Under this task, the construction plans and specifications will be updated.

**PROJECT SCHEDULE**

We have assumed a design schedule of 2 months.

**FEE STRUCTURE**

The fee for the scope outlined above is 75,000, as outlined below:

No.	Description	Amount (\$)
2.1	Project Management	\$ 5,000.00
2.2	Review of Field Survey and Update to the Existing Conditions	\$ 5,000.00
2.3	Hydrologic and Hydraulic Model and Scour Analysis	\$ 30,000.00
2.4	Design	\$ 35,000.00
	<b>Total</b>	<b>\$ 75,000.00</b>

**EXCLUSIONS**

The following services are not included under this proposal.

1. As-Built Survey
2. 2-D Hydraulic Model
3. Any other services not included in the Scope of Work

**CLOSURE**

This proposal is valid for 60 days. Please contact our office if you have any questions or comments regarding this proposal. Thank you for this opportunity, and we look forward to working with your team on this important project for the City of Stonecrest and its stakeholders.

Best regards,  
**Corporate Environmental Risk Management**



Yasmin Moreno, PE  
Senior Project Manager



Terrell S. Gibbs, PhD., PE\*  
Chief Operating Officer