


**Waggoner Engineering, Inc.
And Madison County Board of Supervisors
Task Order Form**

Task Order No. 8	
Additional Pages Attached: <u> 2 </u>	
Date of Task Order: <u> April 3 </u> , 2023	
TASK ORDER TO THE GENERAL SERVICES AGREEMENT BETWEEN WAGGONER ENGINEERING, INC. AND MADISON COUNTY, MS BOARD OF SUPERVISORS	

This Task Order to the General Services Agreement between Waggoner Engineering, Inc. and Madison County Board of Supervisors dated July 6, 2020 , is a part of, and is subject to all the terms and conditions of the Agreement unless specifically provided otherwise herein.

1. **Project Name:** Madison County Stormwater Funding Framework Development & Ordinance Evaluation

2. **Project Number:** 022180.000

3. **Project Manager for Client:** County Engineer
Tim Bryan, PE

4. **Project Manager for Waggoner:** Darion Warren, CFM

5. **Method of Compensation:** Lump Sum

6. **Task Order Compensation:** \$600,000

7. **Scope of Work (see additional pages attached):**

8. **Schedule of Performance** 24 MONTHS
(see additional pages
attached):

9. **Approved Subconsultants:** n/a

10. **Special Provisions:** n/a

IN WITNESS WHEREOF, the parties hereto have caused this Task Order to be executed by their duly authorized representatives effective as of the date set forth above.

MADISON COUNTY BOARD OF SUPERVISORS WAGGONER ENGINEERING, INC.

By: _____

Title: _____

By: _____

Title: _____

Madison County Board of Supervisors

Madison County Stormwater Funding Framework Development & Ordinance Evaluation



Madison County, MS

April 2023

Background and Objectives

Madison County's unique terrain coupled with extensive residential, commercial and industrial development over recent decades create numerous challenges and difficulties for stormwater management, specifically with regard to flood control and flood damage reduction. To comprehensively address these complex stormwater management challenges, the Madison County Board of Supervisors in 2020 initiated the Madison County Watershed Based Stormwater Management Plan for purposes of preparing a comprehensive, county-wide stormwater assessment and management plan that would provide a strategic watershed-based approach to the management of the County's stormwater infrastructure needs. This proactive initiative led not only to the detailed identification, assessment, evaluation, and prioritization of structural and nonstructural related deficiencies throughout the county watersheds, but also to the development of an actionable short and long-term implementation plan. One of the key components of the implementation plan was to consider as an option the creation of a stormwater management district to provide a sustainable revenue stream for stormwater improvements and maintenance. A second component of the implementation plan was to evaluate and establish integrated ordinances and floodplain policies.

Scope of Work

The Madison County Board of Supervisors desires Waggoner Engineering, Inc. to assist in implementation of two key elements of the Watershed-Based Stormwater Management Program:

- Phase I – Development of a Countywide Framework with Sustainable Funding Strategy.
- Phase II – Evaluation and Realignment of Stormwater Management Ordinances and Policies.

1. PHASE I – DEVELOPMENT OF A COUNTYWIDE FRAMEWORK WITH A SUSTAINABLE FUNDING STRATEGY

Bear Creek HUC 10 demonstration pilot for a Watershed-Based Stormwater Management District. This refers to the following HUC 12s within Bear Creek Watershed: Upper Bear Creek, Little Bear Creek, Tilda Bogue-Bear Creek, and Tilda Bogue.

- a. Define the boundary of the district and develop GIS data parameters for the pilot area.
- b. Develop an Assessment-Based Revenue Model based on imperviousness/Equivalent Runoff Unit (ERU) Method.

- c. Apply the model as a Proof of concept with Capital and theoretical O&M budget requirements.
- d. Present findings and recommendations to the Board of Supervisors.
- e. Provide educational and administrative support to constitute new District and adopt Assessment-Based Revenue Model in the Bear Creek Watershed for a maximum of twelve (12) months.
- f. Provide a plan necessary to expand the framework to include other priority watersheds or Countywide.

2. PHASE II – Evaluation & realignment of existing erosion, sediment, stormwater management ordinances, and floodplain management policies.

Schedule of Compensation

Waggoner will invoice for its services related to the Program on a lump sum basis subject to the Total Budget Amount shown below. If complications or other unforeseen factors cause a change in the scope of work which may cause Waggoner to exceed the established budget, Waggoner shall promptly notify the COUNTY in advance of performing additional work and proceed on the basis of the Hourly Rate Schedule included as Exhibit C and pursuant only to written agreement with the COUNTY.

Task	Schedule	Proposed Budget
Phase I – Development of A Countywide Framework with A Sustainable Funding Strategy	10 months	\$205,500
Phase II – Evaluation & realignment of existing erosion, sediment, stormwater management ordinances, and floodplain management policies	14 months	\$394,500
Total		\$600,00

(Total Duration 24 Months)