


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

Task Order No. 6	
Additional Pages Attached: <u> 2 </u>	
Date of Task Order: <u> November 7, </u> , 2022	
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 NRCS Emergency Watershed Protection (EWP) Program Project
2. **Project Number:** WEI 0022372.000
3. **Project Manager for Client:** Greg Higginbotham, County Administrator
4. **Project Manager for Waggoner:** Darion Warren, CFM
5. **Method of Compensation:** Lump Sum
6. **Task Order Compensation:** \$7,500
7. **Scope of Work (see additional pages attached):** SEE ATTACHED

8. **Schedule of Performance** See attached Scope of Work
(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: _____

Zach Adams

By: *Zach Adams*
Title: *Vice President*

Madison County Board of Supervisors

NRCS Emergency Watershed Protection (EWP) Program Project



Madison County, MS

November 2022

I. Project Description

On August 2, 2022, the National Oceanic and Atmospheric Administration (NOAA) records indicate the City of Canton received 8.23 inches of rain in 24 hours. Furthermore, NOAA records reflect that Canton received 8.13 inches of rain in a 48-hour period spanning August 24 – August 25, 2022. In total, NOAA reports a rainfall of 24.15 inches for the month of August 2022 in Canton, Mississippi.

These historic rains resulted in runoff volumes and velocities in Batchelor Creek, the main arterial floodway through the norther portion of Canton, that could not be contained by the channel which led to widespread flooding, and destruction of riparian habitat. Building upon progress achieved with the watershed-based initiative instituted by Madison County Board of Supervisors (MCBOS) in the Fall of 2020, Madison County submitted a funding request letter to NRCS in October 2022 requesting federal assistance to restore damages to streambanks in the City of Canton.

The purpose of this request was to seek assistance from the NRCS to prevent further infrastructure and property damages in Madison County due to the high velocity runoff causing streambank erosion and downstream impediments resulting from the record August rainfall. A site visit was conducted on October 28, 2022 with representatives from NRCS, Madison County, City of Canton, and Waggoner Engineering, Inc. (Waggoner) during which five (5) sites were identified to qualify for funding from NRCS:

1. East Semmes Street
2. Cisne Avenue
3. Jackson Street
4. Martin Luther King Drive – North
5. King Ranch Road

Therefore, during the November 7, 2022 MCBOS Meeting the board authorized Waggoner to develop opinions of probable costs and conceptual layoutss required to support submission of an application for EWP funding through NRCS.

II. Scope of Work

The NRCS Emergency Watershed Protection (EWP) Program was created to assist communities with watershed impairments created by natural disasters such as tornadoes, fires, hurricanes,

and heavy and intense rainfall events. Waggoner will provide the following professional services in connection with the NRCS EWP Damage Survey Report (DSR) submission required for review:

NRCS EWP Damage Survey Report (DSR)

- Assess the current condition of each damaged site by conducting a visual condition survey inspection.
- Coordination with NRCS to ensure projects meets program requirements to include reducing risk to life and property by stabilizing streambanks and/or stream channels.
- Prepare conceptual layouts for each of the five (5) damaged sites for inclusion in the DSR submittal.
- Develop Opinion of Probable Cost (OPC) for each of the five (5) sites.
- Conduct one (1) review with NRCS.

Project Schedule

Task	Duration (Weeks)	Cumulative Time (Weeks)
Initiate Services	---	1 Day
Conceptual Design & OPC	2 Weeks	2 Weeks
NRCS Review & Comment	1 Week	3 Weeks
Final Submission	1 Week	4 Weeks

Budget

Waggoner will perform the services described above on a Lump Sum basis. Any additional services and reimbursables will be billed on an hourly basis. The estimated cost for the work described above is as follows:

Task	Compensation Terms	Proposed Budget
Damage Survey Report		\$7,500.00
Total	Lump Sum	\$7,500.00