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

Task Order No. 7	
Additional Pages Attached: _4___	
Date of Task Order: February 6, 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 CDBG FY2023 - West Madison County Sanitary Sewer Rehabilitation Project
2. **Project Number:** 022300.000
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:** $3,500
7. **Scope of Work (see additional pages attached):** SEE ATTACHED

8. **Schedule of Performance (see additional pages attached):** See attached Scope of Work

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

Madison County Board of Supervisors

CDBG FY2023 Sanitary Sewer Rehabilitation Project

WAGGONER

Madison County, MS **January 2023**

I. Project Description

The Madison County Board of Supervisors (MCBOS) has identified the need for engineering services for work related to the implementation of a Community Development Block Grant (CDBG) project in Kearney Park located in western Madison County. Kearney Park is served wastewater by the West Madison Utility District (WMUD). The West Madison Utility District collection system was installed in the 1940's and the conditions have deteriorated over time which has resulted in major inflow & infiltration (I&I) issues throughout the collection system. These I&I issues have introduced excess flow that exceeds the design capacity of WMUD's treatment facility, resulting in the need for rehabilitating the collection system.

WMUD's wastewater is collected and conveyed by a combination of gravity sewer mains, pump stations, and force mains. The gravity sewer mains consist of 4", 8", and 12" diameter pipe and are a mix of VCP (vitrified clay pipe), concrete, ductile iron, cast iron, and PVC (polyvinyl chloride pipe). There are approximately 35,000 LF of 8" pipe and roughly 7,500 LF of 12" pipe. The 4" pipes are mostly lateral service lines collecting wastewater directly from residential and commercial customers. The utility district owns and operates two pump stations, one which is located at the wastewater lagoon treatment facility and the second pump station being located at the Woodlands Subdivision on Kearney Park Road. The purpose of this project is to restore the existing infrastructure to modern standards and decrease inflow and infiltration.

II. Scope of Work

Approximately 10,000 LF of the WMUD sanitary sewer collection system will be rehabilitated to include Closed Circuit Television (CCTV) inspection and cleaning of approximately 15,000 LF of the sanitary sewer collection system. The piping varies in diameter from 8" to 12" throughout different areas of the WMUD collection system. An inspection report will be prepared and utilized to determine specific rehabilitation methods for each segment of piping. The sanitary sewer piping will be rehabilitated by Cured-In-Place-Pipe (CIPP lining). Manhole inspections will be performed to identify any defects that will require lining the manhole with a watertight coating. Streets that may require excavation for sanitary sewer rehabilitation activities to be performed will be repaired with asphalt.

Waggoner Engineering, Inc. will provide the following professional services in connection with the proposed CDBG FY2022 Sanitary Sewer Rehabilitation Project: Engineering and Grant Application Support, Design Phase Services, Bidding and Contracting Services, and Construction Phase Services.

Engineering and Grant Application Support

Waggoner Engineering will assist with the development of the CDBG Grant Application as necessary. Services will include providing all necessary project information to meet the criteria for sanitary sewer public facilities CDBG grant applications. This will include the preparation of Preliminary Report defining the project purpose, impacted area, proposed timeline, and opinion of probable cost for construction.

Design Phase

This phase will include engineering design and detailing of the proposed improvements. Services will include the preparation of plans, specifications, and contract documents to facilitate bidding and construction of the proposed improvements. A detailed scope of work for this phase including schedule and budget, will be prepared in a subsequent task order upon the request by the MCBOS for approval.

Construction Engineering Phase

This phase will include all engineering work involved beginning the date the County concurs with the award of the construction contract, through the preparation and submission of the final estimate and supporting documents to the County. A detailed scope of work for this phase including schedule and budget, will be prepared in a subsequent task order upon the request by the MCBOS for approval.

Project Schedule

Task	Duration (Weeks)	Cumulative Time (Weeks)
Initiate Services	---	1 Day
Grant Application Preparation	6 weeks	6 weeks

Budget

Waggoner Engineering 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
Engineering & Grant Application Support		$3,500.00
Total	**Lump Sum**	**$3,500.00**