

APPENDIX

Exhibit A

TASK ORDER 2020-23

This Task Order pertains to an Agreement by and between UNION COUNTY, NORTH CAROLINA ("OWNER"), and HYDROSTRUCTURES, P.A. ("ENGINEER"), dated April 21, 2020 ("the Agreement"). ENGINEER shall perform services on the project described below as provided herein and in the Agreement. This Task Order shall not be binding until it has been properly signed by both parties. Upon execution, this Task Order shall supplement the Agreement as it pertains to the project described below.

TASK ORDER NUMBER: 2020-23

PROJECT NAME: Six Mile Joe Kerr sub-basin Manhole Rehabilitation Design

PART 1.0 PROJECT DESCRIPTION:

Based on the results of an SSES performed in late 2023, ENGINEER has identified a number of manholes in the Six Mile Joe Kerr sub basins that need rehabilitation or repair. These repairs were summarized in Table 3 of the Condition Assessment Report dated April 2024 for the project. Plans, specifications and contract documents will be prepared for the recommended repairs. Bid coordination and construction administration and inspection services will also be provided.

PART 2.0 SCOPE OF BASIC SERVICES TO BE PERFORMED BY ENGINEER ON THE PROJECT:

Design Services

- A. Prepare design drawings, technical specifications, bid documents and contract documents for the project, showing the scope, extent, details and character of manhole rehabilitation work to be performed. OWNER'S standard EJCDC "front-end" documents will be utilized. ENGINEER will provide technical specifications for manhole rehabilitation/repair, flow control, site restoration, and any additional considerations.
- B. Review the drawings, specifications, and contract documents with OWNER to ensure that the design standards, scope of work, procedures and provisions are consistent with the project goals.
- C. Obtain any required permits including NCDOT Encroachment Agreement, erosion control, etc.

Bid Coordination Services

- A. Prepare an Advertisement for Bids to be published by OWNER in accordance with applicable law and policy, including on OWNER's Procurement webpage. ENGINEER will advertise project with Carolina's AGC on IsqFT and Dodge Construction. Provide 1 hard copy and 1 electronic PDF copy of bid documents to OWNER.
- B. Coordinate with OWNER to confirm the bidders list. Collaborate with OWNER to notify reputable contractors that specialize in trenchless sewer rehabilitation practices. Furnish copies of the plans, specifications and contract documents to interested contractors. Issue addenda to potential bidders to clarify any questions regarding the design or construction schedule.
- C. OWNER will receive formal bids on the scheduled due date. ENGINEER will participate in the bid opening, tabulate and analyze all bid proposals, check references of the low bidder, and prepare a recommendation of award to the lowest, responsive, responsible bidder for OWNER.
- D. Prepare conformed contract documents and coordinate distribution to and execution by all parties. ENGINEER will provide five (5) hard copies of the conformed Project Manual for execution, one (1) electronic PDF of the conformed Project Manual, and two (2) sets of drawings to OWNER. ENGINEER will ensure that the performance bond, payment bond, and certificate of insurance has been submitted by the Contractor prior to the start of construction.

Construction Administration and Inspection Services

- A. Attend, conduct and prepare minutes to Pre-Construction Meeting to be attended by ENGINEER, OWNER, Contractor and other relevant parties.
- B. Review Contractor submittals and shop drawings for conformance with design documents. Approve materials in accordance with design documents and maintain a status log for all submittals.
- C. Review and answer Requests for Information submitted by Contractor.
- D. Provide part-time, onsite inspection and general Engineering review of the work of the Contractor. ENGINEER estimates a 16-week construction period. Therefore, ENGINEER estimates a budget of 200 hours for part-time, onsite inspection.
- E. While onsite, ENGINEER's representative will assess whether the Contractor is conforming to the intent of the plans and specifications. This shall not relieve the Contractor of his obligation to perform the work in accordance with the plans and specifications and any regulatory requirements.

- F. Coordinate closely with representatives of OWNER and the Contractor during performance of the work. This includes attending any construction progress meetings that might be required.
- G. Review/observe acceptance testing including post-rehabilitation photos and videos, vacuum testing of rehabilitated manholes, strength testing samples, etc.
- H. Perform preliminary walk-through, issue certificate of substantial completion, coordinate final walk-through and final acceptance, assist with project close-out, issue warranty letter, collect and submit project close-out information including release of liens.
- I. Review the Contractor's applications for monthly and final payment and submit to the OWNER for payment.
- J. Prepare as-built record drawings, update and submit GIS database files, and prepare OWNER provided asset management spreadsheet.

PART 3.0 ADDITIONAL SERVICES, NOT PART OF BASIC SERVICES:

- A. Study of any sewer infrastructure outside of the identified manholes in the Six Mile Joe Kerr sub basins.
- B. Performance of any field assessment activities beyond those specifically mentioned in this scope of work.
- C. If the need for additional services is identified, ENGINEER will prepare an amendment to this Task Order. These additional services will be performed by ENGINEER upon the execution of the Task Order Amendment.

PART 4.0 OWNER'S RESPONSIBILITIES:

- A. Provide ENGINEER with electronic data including GIS files, previous reports or studies, or other relevant data.
- B. Reasonably assist ENGINEER with any public issues or concerns.
- C. Promptly review and advise ENGINEER of any recommended changes to the project or concerns with the scope or schedule of the work and provide review comments for the draft Final Report/Design Drawings and specs.

PART 5.0 PERIODS OF SERVICE:

Work on the project will begin within 15 days of receipt of a written Notice to Proceed from OWNER. Fieldwork will be completed within 60 days from the start date unless extended by OWNER. The bid phase of the project will be

ATTACHMENT 1

SCHEDULE OF RATES AND FEES

(Effective January 1, 2024)

Principal Engineer (Engineer V)	\$230/hr
Senior Project Manager (Engineer IV)	\$210/hr
Project Manager (Engineer III)	\$158/hr
Project Engineer (Engineer II)	\$138/hr
Engineering Intern (Engineer I)	\$112/hr
Engineer/Field Technician V (Field Ops Manager)	\$200/hr
Engineer/Field Technician IV (Superintendent)	\$112/hr
Engineer/Field Technician III (Foreman)	\$100/hr
Engineer/Field Technician II (Operator)	\$ 90/hr
Engineer/Field Technician I	\$ 80/hr
GIS Manager (GIS IV)	\$170/hr
GIS/CAD Specialist III	\$112/hr
GIS/CAD Specialist II	\$ 90/hr
GIS/CAD Specialist I	\$ 80/hr
Construction Manager	\$ 110/hr
Construction Inspector II	\$ 90/hr
Construction Inspector I	\$ 80/hr
Surveyor III (Survey Manager)	\$ 110/hr
Surveyor II	\$ 90/hr
Surveyor I	\$ 55/hr
Administrative	\$ 50/hr