



Lee County Professional Service Change Order/Supplemental Task Authorization

Date 8/24/2023

[Print Form](#)

Change Order Agreement #: _____ Supplemental Task Authorization #: 4

A Change Order or Supplemental Task Authorization requires approval by the Department Director for expenditures under \$50,000 or approval by the County Manager for expenditures between \$50,000.01 and \$100,000 or approval by the Board of County Commissioners for expenditures over \$100,000

Primary Contact: Omar Rodriguez, P.G., P.E.

Contract Name: Miscellaneous Professional Services

Project Name: Corkscrew WTP ASR Cycles 23 and 24 FDEP Sampling and Reports and UIC Permit Renewal

CONSULTANT: RMA Geologic Consultants, Inc. Project #: _____

Solicitation #: CN200224JJB Contract #: 8859

Lee County Project Manager: Larry Campanelli, LEE COUNTY UTILITIES Request Date: 8/24/2023

Fiscal Staff: Utilities Account #: OD53618

Upon the completion and execution of this Change Order or Supplemental task Authorization by both parties the CONSULTANT is authorized to and shall proceed with the following exhibits as applicable:

- CO-STA Exhibit A- SCOPE OF PROFESSIONAL SERVICE
- CO-STA Exhibit B- COMPENSATION & METHOD OF PAYMENT
- CO-STA Exhibit C- TIME & SCHEDULE OF PERFORMANCE
- CO-STA Exhibit D- CONSULTANTS ASSOCIATED SUB-CONSULTANTS/SUB-CONTRACTORS

It is understood and agreed that the acceptance of this modification by the CONSULTANT constitutes an accord and satisfaction.

Omar Rodriguez
Consultant Signature (Print & Sign Name)

9/11/2023

Date Signed

orodriguez@rma-geologic.com

Contact E-mail Address

239-415-1818

Contact Phone Number

Lee County Board of County Commissioners - Procurement Management
2115 Second Street - 1st Floor - Fort Myers, FL 33901
PO Box 398 - Fort Myers, FL 33902-0398
Phone: (239) 533-8881



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Scope of Professional Services for:

Corkscrew WTP ASR Cycles 23 and 24 FDEP Sampling and Reports and UIC Permit Renewal

Section 1.00 Changes to Professional Services

The 'Scope of Professional Services' as set forth in Exhibit 'A' of the Professional Services Agreement referred to hereinbefore is hereby supplemented, changed or authorized, so that the CONSULTANT shall provide and perform the following professional services, tasks, or work as a supplement to, change to, the scope of services previously agreed to and authorized.

TASK 13.0 PERMITS AND PERMIT COMPLIANCE

CONSULTANT shall conduct groundwater sampling and preparing the Cycle reports for the Corkscrew water treatment plant (WTP) aquifer storage and recovery system (ASR) for Cycles 21 and 22. The sampling and cycle reports are required by the Florida Department of Environmental Protection (FDEP) underground injection control (UIC) operation permit for the Corkscrew ASR system. The UIC operation permit for the Corkscrew ASR system requires biweekly sampling of the monitoring wells during injection and recovery operations, biweekly monitoring of the ASR wells during the recovery period, monthly sampling of the monitoring wells during storage periods, and monthly sampling of the injected water during injection periods. The Cycle reports for the Corkscrew ASR system shall be submitted to the FDEP by October 1, 2024 for Cycle 23 and October 1, 2025 for Cycle 24. The current UIC permit expires on June 18, 2025 and a permit renewal application package needs to be submitted at least 60 days prior to the expiration date. A more detailed work scope is provided below.

TASK 13.1- CONSULTANT shall coordinate with COUNTY, Lee County Environmental Laboratory (LCEL), and FDEP throughout the project duration. CONSULTANT shall provide management and applicable administrative support throughout the project.

TASK 13.2- CONSULTANT shall conduct all remaining sampling events for Cycle 23 and 24. Sampling shall be conducted for the seven storage zone monitoring wells, one overlying zone monitoring well, five ASR wells, and the injection main. CONSULTANT shall conduct the sampling per FDEP approved protocols for the Corkscrew ASR system. It is anticipated that up to 40 sampling events may be conducted during Cycles 23 and 24. Water samples shall be delivered to LCEL and LCU will be responsible for the analytical costs.

TASK 13.3- CONSULTANT shall review, assimilate, and evaluate the data collected during Cycle 23. The CONSULTANT shall integrate the operational data into the hydraulic and solute transport computer model previously prepared for the Corkscrew ASR system. CONSULTANT shall prepare a report integrating all operational data for Cycle 23, computer model information, and providing relevant conclusions and recommendations including regulatory compliance issues. After LCU review, the final report will be provided to LCU for submittal to the FDEP well in advance of the due date of October 1, 2024.

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Scope of Professional Services for:

Corkscrew WTP ASR Cycles 21 and 22 FDEP Sampling and Reports and UIC Permit Renewal

Section 1.00 Changes to Professional Services

The 'Scope of Professional Services' as set forth in Exhibit 'A' of the Professional Services Agreement referred to hereinbefore is hereby supplemented, changed or authorized, so that the CONSULTANT shall provide and perform the following professional services, tasks, or work as a supplement to, change to, the scope of services previously agreed to and authorized.

TASK 13.0 PERMITS AND PERMIT COMPLIANCE - CONTINUED

TASK 13.4- CONSULTANT shall review, assimilate, and evaluate the data collected during Cycle 24. The CONSULTANT shall integrate the operational data into the hydraulic and solute transport computer model previously prepared for the Corkscrew ASR system. CONSULTANT shall prepare a report integrating all operational data for Cycle 24, computer model information, and providing relevant conclusions and recommendations including regulatory compliance issues. After LCU review, the final report will be provided to LCU for submittal to the FDEP well in advance of the due date of October 1, 2025.

TASK 13.5- CONSULTANT shall coordinate with LCU and FDEP throughout the permitting process. This will include all applicable meetings. All operational data since the last permit renewal will be reviewed, assimilated, and evaluated. The period to be included in the application package covers Cycles 18 through 23. Cycles 1 through 17 were covered during previous permitting processes. The CONSULTANT shall update the area of review for the Corkscrew ASR system. Consultant shall update the groundwater flow and solute transport model through the end of Cycle 23. CONSULTANT shall prepare an Operations and Maintenance (O&M) Manual following the new FDEP checklist. CONSULTANT shall address all compliance items stipulated in the operation permit. CONSULTANT shall complete the application form which will be certified by a Florida licensed professional engineer (P.E.). CONSULTANT shall prepare the complete application package and after review and LCU signature, submitted to the FDEP. It will be the responsibility of LCU to provide the required FDEP permit application fee of \$3,750. CONSULTANT shall provide responses to FDEP reasonable requests for additional information.

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CONSULTANT'S Personnel Hourly Rate Schedule for:

Corkscrew WTP ASR Cycles 23 and 24 FDEP Sampling and Reports and UIC Permit Renewal

CONSULTANT or Sub-Consultant Name: RMA Geologic Consultants, Inc.

(A separate Attachment #1 should be included for each Sub-Consultant)

1. Project Position or Classification (Function to be Performed)	2. Hourly Rate to be Charged ¹ / _{SEP}
No change from master contract	

Reimbursable Item	Cost	Reimbursable Item	Cost

Receipts or in-house logs are required for all non-personnel reimbursable expenses unless exempt (such as meals).
Administrative Services Fees - Applicable only when specifically authorized by the County, for administering the procurement of special additional services, equipment, reimbursables, etc. not covered under the costs and/or changes established in the Agreement

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Time & Schedule of Performance for:

Corkscrew WTP ASR Cycles 23 and 24 FDEP Sampling and Reports and UIC Permit Renewal

Section 1.00 Changes for this Change Order or Supplemental Task Authorization Agreement

The time and schedule of completion for the various phases or tasks required to provide and perform the services, tasks or work set forth in this Change Order of Supplemental Task Authorization Agreement, Exhibit 'CO/STA-A', entitled 'Scope of Professional Services' attached hereto is as follows:

Task Number as Indicated in Exhibit A	Name/Title of Task	Previously Approved Number of Days per Task (CO Only)	Increase in Number of Calendar Days per Task (CO Only)	Cumulative Number of Calendar Days for Completion from Date of Notice to Proceed per Task (CO & STA)
13.1	Coordination and Meetings		730	730
13.2	Sampling for Cycles 23 & 24		730	730
13.3	Preparation of Cycle 23 Report		400	400
13.4	Preparation of Cycle 24 Report		730	730
13.5	FDEP UIC Permit Renewal		900	900

Total Number of Calendar Days for Completion of Project from Notice to Proceed: 900



CO-STA Exhibit D

CONSULTANT'S Associated Sub-Consultant(s)/Subcontractor(s)

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CONSULTANT'S Associated Sub-Consultant(s) and Subcontractor(s) for:

Corkscrew WTP ASR Cycles 23 and 24 FDEP Sampling and Reports and UIC Permit Renewal

CONSULTANT intends to engage the following sub-consultant(s) and/or sub-contractor(s) to assist the CONSULTANT in providing and performing the services, tasks, or work required under this Change Order, or Supplemental Task Authorization Agreement.

If none, enter the word 'none' in the space below.

Service/Work to be ^{SEP} Provided/Performed	Name & Address of Individual or Firm	Disadvantaged, Minority or Women Business Enterprise
None		Type
		Type
		Type
		Type
		Type
		Type
		Type
		Type