



# Marion County Board of County Commissioners

## Procurement Services

2631 SE Third St.  
Ocala, FL 34471  
Phone: 352-671-8444  
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## CHANGE ORDER FORM

This form is to be used when a Purchase Order has a change in scope, amount or date. Amounts exceeding 10% of original award requires BCC approval. Some fields may not be applicable and may be left blank. Use your cursor to hover over a field for help.

Date 09/19/2024 Department Utilities Change Order # 4

Additional Days Only Is Board Action Required? Yes

Bid/Contract/Quote Number & Project Title:  
19Q-270-CA-1 / SE Regional WTP Design

Vendor (Name & Address):  
Kimley Horn and Associates, Inc.  
101 E Silver Springs Blvd.  
Ocala, FL 34470

Project Code: UTC 000136

PO Number: 02300760

Contract Amount: 143,533

GL Account Number (ORG/OBJECT):  
ZF448536-563102

Have you sent Procurement the revised P&P Bond? Yes  No  N/A

Contingency Amount Using (if requesting use):

Is the change order amount from Contingency? Yes  No

### DESCRIPTION OF CHANGE

Due to recent heavy rains, a surface depression formed adjacent to the drill site for the test well. Continued drilling is unsafe and cannot be successfully completed. This change order provides for expedited geotechnical evaluation of the proposed relocation area, recommendation for a relocation site, and recommendations for remediation of the surface depression. Currently the well drilling contractor is at a standstill and is waiting for directions to be provided by Kimley Horn as part of this change order.

\* BACKUP DOCUMENTATION MUST BE ATTACHED CLARIFYING CHANGE

Original PO Amount:	\$136,933.00
The Current PO Amount (includes all previous change orders):	\$143,533.00
The PO will be increased/decreased by this change order in the amount of: (Do not put contingency amount) Increase <input checked="" type="checkbox"/> Decrease <input type="checkbox"/>	\$20,310.00
The new PO amount including this change order will be: (PO amount will not change if it comes from contingency)(auto calculated)	\$163,843.00
Contract time will be Increased/decreased by _____ DAYS	0
Prior Substantial Completion Date	
Revised Substantial Completion Date	
Prior Final Completion Date	01/30/2025
Revised Final Completion Date	01/30/2025

### Approval:

### BCC Approval (when applicable):

Department Head [Signature] Date 9/19/24

Chairman, BCC \_\_\_\_\_ Date \_\_\_\_\_

Project Mgr. \_\_\_\_\_ Date \_\_\_\_\_

Attest: Clerk of Court \_\_\_\_\_ Date \_\_\_\_\_

Administration (if Applicable) \_\_\_\_\_ Date \_\_\_\_\_

County Administrator \_\_\_\_\_ Date \_\_\_\_\_

Procurement: Becky Jayne Date 9/23/24

Consultant shall perform the following Additional Services:

***Project Understanding***

During construction of the Lower Floridan Aquifer (LFA) test well, following completion of the observation well, the water well contractor reported a depression opened in the vicinity of the test well location when they were reaming the pilot hole to set surface casing. Marion County requests services to support geotechnical investigation of the depressional area by Kimley-Horn's subconsultant to identify size and extent of the depression, make recommendations on remediation, and assist with determining a suitable new location for the proposed LFA well. Kimley-Horn will provide support services associated with a geotechnical investigation, assessment of test well alternatives, and revise the construction plans to show the new well location and document remediation of the depression. The County will specify final alternate test well location(s) based on the alternatives and recommendations presented by Kimley-Horn. St. Johns River Water Management District (SJWMD) permit revisions are not anticipated and are not included in this scope of services. Scope of services assumes one finalized alternative test well location and re-drilling attempt.

***Scope of Services*****Task 1 – Support for Relocation, Geotechnical Investigation and Re-Drilling of Test Well**

- A. Kimley-Horn will provide Engineer of Record (EOR) and Engineering project manager services associated with a geotechnical assessment of the area of depression and alternate test well locations at the project site. Project manager/construction coordination includes coordination with geotechnical subconsultant and County, review of geotechnical reports, review of well site alternatives, coordination with driller regarding alternatives, and project management.
- B. Kimley-Horn will revise construction plans to include alternate test well location(s), depressional area locations (provided by County or geotechnical firm), and depiction of remedial actions the County may undertake based on the recommendations of the geotechnical engineer (provided by County or geotechnical firm), as applicable. Scope of services assumes one substantial revision to the construction plans.

**Task 2 – Geotechnical Services Related to Depression**

- A. Kimley-Horn will contract directly with a geotechnical subconsultant to perform one day of ground penetrating radar (GPR) investigations and one day of cone penetrometer testing (CPT) soundings at the project location. The CPT soundings will reach refusal conditions where rock is encountered below existing ground surface. With this depth range it is estimated that eight to ten CPT soundings can be completed in one day.
- B. GPR and CPT data will be processed and analyzed.
- C. Kimley-Horn's subconsultant will prepare a summary report with the results of the exploration, evaluation of encountered conditions, and geotechnical recommendations for the subject test well site.

***Additional Services If Required***

Services requested that are not specifically included will be provided under a new and separate Agreement or can be performed on an hourly basis upon written authorization.

***Schedule***

Kimley-Horn will perform the Scope of Services as expeditiously as practicable with the goal of meeting a mutually agreeable schedule. The GPR fieldwork in Task 2 will be performed September 20, 2024, by the geotechnical subconsultant. Provided usable GPR results are received before 1:00 p.m. on September 24, 2024, Kimley-Horn, the geotechnical subconsultant, and the County will discuss the viability of the alternative well location by end of business day September 24, 2024, with the goal of arriving at an alternative well location. If the GPR data from the alternative well location detects anomalies or is unusable, further investigation will be required and the schedule will be revised.

***Fee and Billing***

The Scope of Services will be performed on a lump sum basis of \$20,310.00.

FOR REVIEW

TABLE A  
COST ESTIMATE FOR SERVICES

PROJECT: SE REGIONAL LFA TEST WELL AMENDMENT 2  
 CLIENT: MARION COUNTY OFFICE OF THE COUNTY ENGINEER  
 KH PM:  
 BASIS FOR ESTIMATE: COUNTY-APPROVED HOURLY RATES, RFQ 20Q-074

SHEET: 1 of 1  
 DATE: 9/19/2024

		DIRECT LABOR (MAN-HOURS)											
		Principal Engineer	Sr. Professional Engineer	Project Manager	Project Engineer / Engineer III	Engineer Scientist / Engineer II	Engineer Intern / Engineer I	Sr. CADD Designer	CADD Designer	Clerical	LABOR HOURS	SUB (\$)	LABOR TOTAL
TASK ID	TASK DESCRIPTION	\$200.00	\$185.00	\$165.00	\$140.00	\$115.00	\$95.00	\$95.00	\$85.00	\$45.00			
1	Support for Relocation, Geotechnical Investigation Test Well Relocation	4.0	16.0	15.0	24.0			8.0	24.0	0.0	91.0		\$ 12,395
2	Geotechnical Services Related to Depression										0.0	\$ 7,915.00	\$ -
TOTALS:		4.0	16.0	15.0	24.0	0.0	0.0	8.0	24.0	0.0	91.0	\$ 7,915.00	\$ 12,395.00
												<b>GRAND TOTAL:</b>	<b>\$ 20,310.00</b>



**AMENDMENT NUMBER 2 TO AN AGREEMENT  
BETWEEN KIMLEY-HORN AND ASSOCIATES, INC.  
AND MARION COUNTY UTILITIES**

AMENDMENT NUMBER 2 DATED September 19, 2024, to an Agreement between Marion County Utilities. ("the Client") and Kimley-Horn and Associates, Inc., ("Kimley-Horn or Consultant") dated December 22, 2022 ("Agreement") concerning Purchase Order (PO) 02300760 for the SE Regional WTP Lower Floridan Test Well (the "Project").

Kimley-Horn has entered into an Agreement with the Client for the furnishing of professional services, and the parties now desire to amend the Agreement.

Therefore, it is mutually agreed that Agreement is amended to include Additional Services to be performed by Kimley-Horn and provisions for additional compensation by the Client to Kimley-Horn, all as set forth in Exhibit A hereto. The parties ratify the terms and conditions of the Agreement not inconsistent with this Amendment, all of which are incorporated by reference.

Attachments:

ACCEPTED:

MARION COUNTY UTILITIES

KIMLEY-HORN AND ASSOCIATES, INC.

BY: \_\_\_\_\_

BY: *Malcolm Lewis Bryant*

Malcolm Lewis Bryant, P.E.

TITLE: \_\_\_\_\_

TITLE: Senior Vice President

DATE: \_\_\_\_\_

DATE: September 19, 2024

