

## TASK ORDER NUMBER 28

Describing a specific agreement between Kimley-Horn and Associates, Inc. ("Kimley-Horn") and Marion County Utilities, C/O Marion County, a political subdivision of the State of Florida ("MCU" or "Client") in accordance with the terms of the Master Agreement for Utilities Engineering Design Support Services #20Q-074 dated July 21, 2020, which is incorporated herein by reference.

### ***Identification of Project:***

Project: Maricamp AC Water Main Replacement (the Project)

Client: Marion County Utilities

Project Manager: Alan J. Garri, PE

### ***Project Understanding:***

The Project includes a water main replacement and water main extension located in Marion County along the southwest side of County Road 464 ("Maricamp Road"), extending from Oak Road to Hickory Road. Marion County Utilities desires to replace existing water mains to improve system reliability and extend the new water main to improve system redundancy and performance. The water mains to be replaced include approximately 360 linear feet (LF) of 6-inch asbestos-cement ("AC") pipe and approximately 1,800 LF of existing 8-inch PVC pipe. The existing 6-inch AC pipe connects to a stub-out from an existing 12-inch water main at the corner of Maricamp Road/Oak Road, has multiple connections to Parcel 9014-0047-04 ("Lockheed property"), and dead ends near the southeast corner of the Lockheed property. The existing 8-inch PVC water main connects to the same stub-out, is approximately 1,800 LF, and dead ends at a fire hydrant northwest of Parcel 9014-0047-02. Both mains parallel each other across a portion of the Lockheed property through an apparent easement. Kimley-Horn relies on Marion County's representations of legal access to existing easements as needed for this project. It is noted that the Lockheed property and Parcel 9014-0047-02 currently receive water service from Marion County Utilities via these mains. The new water main will be extended approximately 1,100 LF further along Maricamp Road to connect to an existing 12-inch water main at the northeast corner of Maricamp Road/Hickory Road.

Kimley-Horn understands that MCU's preference is to construct the new water main along the southwest side of Maricamp Road, within the right of way ("ROW"), to avoid needing multiple services lines across the roadway. The northeast side of Maricamp Road in this area appears to have limited potential for new customers due to large properties being used for an electrical substation and a drainage retention area. Connecting to the existing 12-inch water main at Hickory Road will require crossing Maricamp Road. Horizontal directional drilling of this crossing appears infeasible because there is insufficient space to maintain a safe depth under the road and return to standard depth within the ROW limits. Kimley-Horn assumes that this crossing will be necessarily made via jack and bore to limit disturbance to the roadway.

It is understood that there is significant utility congestion within the ROW around the Maricamp Road/Oak Road intersection. It is understood that the Lockheed property has critical fiber optic communication lines associated with the United States Department of Defense within the project area. Kimley-Horn advises MCU that, despite reasonable efforts to obtain information, underground conditions may remain unresolved with respect to this infrastructure. In addition, Kimley-Horn is not involved with any contractual obligations between MCU and Lockheed Martin related to potable water service to the Lockheed facility. Kimley-Horn is relying on MCU's representations of, and coordination with, Lockheed Martin to accommodate any service interruptions necessary for or resulting from construction of this Project.

**Scope of Services:****Task 1 – Project Management, Data Collection, and Quality Assurance/Quality Control (QA/QC)**

This task provides for Kimley-Horn's project management functions, including coordination with MCU and other stakeholders, developing the project schedule, coordination with subconsultants, and QA/QC.

- A. Kimley-Horn will prepare for and attend a project kick-off/preliminary design meeting with MCU and other stakeholders identified by the County for attendance. Project objectives, schedule, communication protocols, and general design considerations will be discussed. Kimley-Horn will distribute draft meeting minutes for comment by MCU and others. Kimley-Horn will prepare and distribute final meeting minutes following one round of comments.
- B. Kimley-Horn will coordinate with MCU staff to obtain information regarding the project area. It is acknowledged that MCU has already provided utility record drawings, and Kimley-Horn has invested time at Marion County Office of the County Engineer (OCE) to review roadway record drawings associated with the Project area.
- C. Kimley-Horn will coordinate survey and geotechnical subconsultants throughout the Project to facilitate the collection and review of the appropriate information associated with the subconsultant's scope of services.
- D. Kimley-Horn will provide QA/QC efforts at the 30%, 60%, 90%, and final levels of completion.

**Task 2 – Subconsultant and Design Support Services**

Kimley-Horn will utilize a qualified local subconsultant to perform the required geotechnical services and survey services.

- A. The survey scope covers boundary, topographical, and feature survey necessary for engineering design. The scope of services includes Quality Level (QL) B utility designation and optional QL- A test holes (subsurface utility engineering, or "SUE") at selected locations. Test holes will be billed only for services rendered. Marion County Utilities is responsible for determining legal access for any existing easements that Kimley-Horn is directed to utilize for the design of this project.
- B. The geotechnical scope covers two borings to a depth of 25 feet on both sides of Maricamp Road at the Hickory Road intersection. Data obtained will be used for the jack and bore design at this location.
- C. Environmental consultation is not included in this scope of services.
  - 1) Kimley-Horn has reviewed the Florida Geographic Data Library (FGDL) as part of developing this scope. It is noted that this project lies within the Florida scrub jay consultation area. Data available from FGDL do not indicate that scrub jays are present in this location.
  - 2) Kimley-Horn has reviewed the Florida Geographic Data Library (FGDL) as part of developing this scope. It is noted that this project lies within the Florida sand skink consultation area and may contain habitats suitable for sand skinks. The project area consists of a roadway corridor that has and continues to experience regular disturbance by human activities. Florida Fish and Wildlife Conservation Commission/Fish and Wildlife Research Institute data obtained online do not indicate the presence of sand skinks within the project area.

- 3) Gopher tortoises may be present in and near the Project area. Kimley-Horn assumes that the construction contractor will provide gopher tortoise surveys, protection, and relocation if needed.

#### Task 3 – Predesign Meeting and 30% Design Plans

The intent of the 30% design plans submittal is to develop a practical horizontal alignment for the project for consideration by MCU. The horizontal alignment will be refined based on MCU's comments as part of the 60% design plan submittal. Profiles will not be developed as part of the 30% design plans.

- A. Kimley-Horn will attend a predesign meeting with MCU staff to review the findings of the survey and geotechnical subconsultants. Discussions will cover considerations and recommendations for the horizontal alignment of the project and other general considerations as directed by MCU. The information gathered from the meeting will be used as the basis for developing the 30% design plans. Kimley-Horn will record and distribute meeting minutes to MCU.
- B. Kimley-Horn will prepare 30% design plans. Plans will include:
  - 1) Cover sheet
  - 2) Key map and general notes
  - 3) Plan sheets at 1" = 40' scale when printed on 11" x 17" sheets and 1" = 20' scale when printed on full-size sheets.
  - 4) Standard detail sheets using MCU's current detail drawings
- C. Kimley-Horn will submit the 30% design document to MCU by electronic and paper copy. MCU may direct Kimley-Horn to submit up to two paper copies on 11" x 17" sheets and up to one paper copy on full-size sheets.
- D. Kimley-Horn will attend a 30% design review meeting with MCU staff to review their comments. Kimley-Horn will record and distribute meeting minutes to MCU.
- E. Kimley-Horn will initiate an 811 design request to determine other local utilities within the project area. Kimley-Horn will coordinate with these utilities for review of the horizontal alignment. Kimley-Horn will rely on other utilities to provide complete and accurate responses regarding their infrastructure locations.

#### Task 4 – 60% Design Plans

The intent of the 60% design plans submittal is to refine the horizontal alignment according to MCU's comments on the 30% submittal. In addition, the 60% design plans include developing a practical vertical alignment for the project for consideration by MCU. The horizontal and vertical alignment will be further refined based on MCU's comments prior to the 90% design plan submittal.

- A. Kimley-Horn will prepare 60% design plans based on the 30% design review. Plans will include the sheets developed for the 30% submittal, plus:
  - 1) Draft project-specific details on additional sheets to depict specific crossings, connections, or similar.
  - 2) Horizontal locations of other utilities obtained from other utility providers will be corroborated with utility designation information provided by the survey subconsultant in

select areas. Horizontal utility locations in non-designated areas will be incorporated into the plan view to the extent that this information is made available by other utility providers.

- 3) Vertical profile views of the proposed pipeline will be incorporated into the 60% submittal. Profiles will incorporate localized verified vertical and horizontal (VVH) utility data, vertical data provided by the survey subconsultant for accessible utilities or infrastructure, and data provided by other utilities that contains depth or elevation information. Assumed vertical locations of other utilities will not be depicted.
- B. Kimley-Horn will submit the 60% design document to MCU by electronic and paper copy. MCU may direct Kimley-Horn to submit up to two paper copies on 11" x 17" sheets and up to one paper copy on full-size sheets.
  - C. Kimley-Horn will assist MCU with coordinating the 60% design plans with Marion County OCE for preliminary review associated with ROW permitting. The intent is to address project concerns with OCE, particularly with respect to the crossing at Hickory Road, prior to application for a ROW permit.
  - D. Kimley-Horn will prepare a 60% opinion of probable cost (OPC) to construct for consideration by MCU. The OPC will rely on available price data and engineering judgment.
  - E. Kimley-Horn will attend a 60% design review meeting with MCU staff to review comments from MCU and OCE. Kimley-Horn will record and distribute meeting minutes to MCU.

#### Task 5 – 90% Design Plans

The intent of the 90% design plans submittal is to provide final refinement to the horizontal alignment, further refine the vertical alignment, refine project-specific details according to MCU's comments, and perform minor value engineering refinement with respect to the 60% submittal.

- A. Kimley-Horn will prepare 90% design plans based on the 60% design review. Plans will include the sheets developed for the 60% submittal. Changes will include:
  - 1) Final refinement of the horizontal alignment;
  - 2) Refined vertical alignment;
  - 3) Refined project-specific details;
  - 4) Addition of information received from other utility providers that becomes available in the interim.
- B. Kimley-Horn will submit the 90% design document to MCU by electronic and paper copy. MCU may direct Kimley-Horn to submit up to two paper copies on 11" x 17" sheets and up to one paper copy on full-size sheets.
- C. Kimley-Horn will attend a 90% design review meeting with MCU staff to review their comments. Kimley-Horn will record and distribute meeting minutes to MCU.

#### Task 6 – Final Construction Plans, OPC, and Technical Specifications

The final design document submittal will incorporate final refinements to the vertical alignment, project-specific details, and perform value engineering with respect to the 90% submittal.

- A. Kimley-Horn will prepare final design drawings based on the 90% design review.

- B. Kimley-Horn will submit final design plans digitally signed and sealed by a Florida-licensed professional engineer to MCU by electronic copy.
- C. Kimley-Horn will submit a final digitally signed and sealed OPC for the project to MCU by electronic copy. Actual bid results are subject to many factors and are outside Kimley-Horn's control.
- D. Kimley-Horn will incorporate project specifications by reference to technical specifications published under Marion County's Land Development Code. Project-specific technical specifications are not included in this scope of services except for those typical for work involving incidental contact with asbestos-cement pipe.

## Task 7 – Permitting

This task includes efforts related to permitting through the Florida Department of Environmental Protection (FDEP). Although Kimley-Horn intends to provide MCU with a project design that is consistent with applicable FDEP and state requirements, permit issuance is beyond Kimley-Horn's control and is not guaranteed.

### A. FDEP Water Main Extension Permitting

- 1) Kimley-Horn will prepare Form 62-555.900(7), Notice of Intent to Use the General Permit for Construction of Water Main Extensions for PWSs, for execution by MCU.
- 2) Kimley-Horn will transmit the fully executed Form 62-555.900(7)-alt and signed and sealed design documents labelled as "For Permitting" to the FDEP for consideration. Permit application fees will be paid by MCU.
- 3) Kimley-Horn will respond to typical requests for information as may be issued by FDEP. This does not include hydraulic modeling, which is not included in this scope.
- 4) Kimley-Horn does not anticipate any design revisions to be required by FDEP. However, at MCU's direction, Kimley-Horn can initiate permitting efforts alongside the 90% design submittal to incorporate minor revisions required by FDEP prior to delivering the final design documents. This approach aims to accelerate MCU's ability to advertise the Project for construction. Alternatively, Kimley-Horn can submit the permit application with the final design submittal and make minor revisions to the final design documents as FDEP requires.

### B. Marion County ROW Permitting

- 1) Kimley-Horn assumes that the construction contractor will obtain a ROW permit from Marion County OCE.

### C. Notice of Demolition or Asbestos Renovation

- 1) Kimley-Horn assumes that the construction contractor will submit the Notice of Demolition or Asbestos Renovation to FDEP prior to construction of the Project. Language to that effect will be incorporated into the general notes included in the construction plans. It is understood that MCU does not intend to remove and dispose of the existing AC water main that will be replaced under this project. Kimley-Horn's design documents will specifically state that the AC water main is to be protected from disturbance and not removed from the ground. The construction contractor will be solely responsible for any incidental uncovering, exposure, removal, and disposal of asbestos-containing materials.

**Task 8 – Bid Documents and Bid Assistance**

Kimley-Horn will provide MCU with typical bidding assistance for this Project. It is understood that MCU coordinates directly with Marion County's Procurement department ("Procurement") for project advertising and bid administration.

- A. Kimley-Horn will prepare a bid form, measurement and payment, and MCU's standard technical provisions. This task includes one draft submittal and the final submittal.
- B. Kimley-Horn will attend one pre-bid meeting to discuss the project with prospective bidders.
- C. Kimley-Horn will prepare one signed and sealed bid addendum as necessary and responsive to typical and reasonable questions posed by prospective bidders. The bid addendum will be prepared and delivered to MCU after the question deadline issued by Procurement has passed.
- D. Kimley-Horn understands that Procurement provides typical post-bid analysis, including the bid tabulation and reference checks. Kimley-Horn will review the results of Procurement's post-bid analysis and prepare a written recommendation of award to be submitted to MCU.
- E. This task does not include efforts associated with readvertisement of the Project, such as it may be deemed necessary by MCU, Procurement, or other staff and officials of Marion County.

***Deliverables:***

Kimley-Horn will provide the following deliverables associated with this project:

- 1. Agendas and minutes for the kickoff, predesign, 30% design, 60% design, and 90% design review meetings by electronic copy (draft and final versions).
- 2. One electronic copy (based on full-size paper sheets), up to two 11" x 17" paper copies, and up to one full-size paper copy of the 30%, 60%, and 90% design plans.
- 3. 60% submittal OPC by electronic copy.
- 4. One electronic copy (based on full-size paper sheets) of the final construction plans, digitally signed and sealed by a Florida-licensed professional engineer.
- 5. Upon request, one paper copy on 11" x 17" sheets and/or one paper copy on full-size sheets of the final construction plans, wet-signed and sealed by a Florida-licensed professional engineer.
- 6. Draft and final permit applications by electronic copy, digitally signed and sealed by a Florida-licensed professional engineer.
- 7. Electronic copies of the bid form, measurement and payment, and technical special provisions (draft and final versions).
- 8. Technical specifications for work involving incidental contact with asbestos-cement pipe by electronic copy.
- 9. One bid addendum, as required, by electronic copy, digitally signed and sealed by a Florida-licensed professional engineer as required by State law.
- 10. Written recommendation of award by electronic copy, digitally signed and sealed by a Florida-licensed professional engineer.

## Additional Services

Services not specifically listed in the scope of services above are not included but can be provided as additional services if authorized by the County. Compensation for additional services will be agreed to prior to their performance.

## Schedule

Kimley-Horn will provide the above scope of services as expeditiously as practicable with a goal of meeting a mutually agreed upon schedule.

## Fee

Kimley-Horn will complete Tasks 1-6 for the lump sum fees detailed below. A cost estimate for services is provided in Table A.

Task Description	Lump Sum Fee
Task 1 - Project Management	\$8,520.00
Task 2 – Subconsultant Services	\$42,797.50
Task 3 – Predesign, 30% Plans	\$15,200.00
Task 4 – 60% Plans	\$12,850.00
Task 5 – 90% Plans	\$7,430.00
Task 6 – Final Plans, OPC, Technical Specifications	\$5,350.00
Task 7 – Permitting	\$1,265.00
Task 8 – Bid Documents and Bid Assistance	\$3,170.00
<b>Total</b>	<b>\$96,582.50</b>

Attachments: TABLE A – Cost Estimate for Service

MARION COUNTY UTILITIES


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

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

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

KIMLEY-HORN AND ASSOCIATES, INC.

BY:   
Richard Busche, PE – Senior Vice President

BY:   
Alan J. Garri, P.E. – Project Manager

DATE: April 24, 2025

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**TABLE A  
COST ESTIMATE FOR SERVICES**

PROJECT: MARICAMP AC WATER MAIN REPLACEMENT  
CLIENT: MARION COUNTY UTILITIES  
KH PM: ALAN GARRI, PE  
BASIS FOR ESTIMATE: COUNTY-APPROVED HOURLY RATES, RFQ 20Q-074

SHEET:  
DATE: April 2025

1 of 1

TASK ID	TASK DESCRIPTION	DIRECT LABOR (MAN-HOURS)						LABOR HOURS	SUB (\$)	LABOR TOTAL
		Principal Engineer	Sr. Professional Engineer	Project Manager	Engineer Scientist / Engineer II	Sr. CADD Designer	Clerical			
		\$200.00	\$185.00	\$165.00	\$115.00	\$95.00	\$45.00			
1	Project Management	8		24	16		8	64		\$ 8,520.00
2	Subconsultant Services			2	4	12	8	26		\$ 2,290.00
	Survey								\$ 20,350.00	
	Utility Designation								\$ 7,150.00	
	SUE								\$ 7,480.00	
	Geotechnical								\$ 5,527.50	
3	Predesign, 30% Plans	4	8	16	40	56	8	132		\$ 15,200.00
4	60% Plans	2	8	16	32	48	2	108		\$ 12,850.00
5	90% Plans	2	4	8	16	32	2	64		\$ 7,430.00
6	Final Plans, OPC, Technical Specifications	2	2	8	12	16	8	48		\$ 5,350.00
7	Permitting	1	1	2	4		2	10		\$ 1,265.00
8	Bid Documents & Bid Assistance	1	2	8	8		8	27		\$ 3,170.00
TOTALS:		20	25	84	132	164	46	479	\$ 40,507.50	\$ 56,075.00
GRAND TOTAL:									\$	96,582.50