



**CITY OF FORT LAUDERDALE  
City Commission Agenda Memo  
REGULAR MEETING**

**#23-0069**

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**TO:** Honorable Mayor & Members of the  
Fort Lauderdale City Commission

**FROM:** Greg Chavarria, City Manager

**DATE:** February 21, 2023

**TITLE:** Motion Approving Civil Engineering Services Continuing Agreements -  
AECOM Technical Services, Inc., Black and Veatch Corp., Calvin, Giordano  
& Associates, Inc., Chen Moore and Associates, Inc., Craven Thompson &  
Associates, Inc., Hazen and Sawyer, PC and Kimley-Horn and Associates,  
Inc. - \$3,000,000 - (**Commission Districts 1, 2, 3 and 4**)

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**Recommendation**

Staff recommends the City Commission approve continuing agreements, in substantially the forms attached, for Civil Engineering Services with the following firms: AECOM Technical Services, Inc.; Black and Veatch Corp.; Calvin, Giordano & Associates, Inc.; Chen Moore and Associates, Inc.; Craven Thompson & Associates, Inc.; Hazen and Sawyer, PC; and Kimley-Horn and Associates, Inc., in the estimated initial two-year term aggregate amount of \$3,000,000.00, and authorize the City Manager to approve two (2), one-year renewal options, in the estimated annual renewal aggregate amount of \$1,500,000, for a potential total contract collective amount of \$6,000,000, contingent upon appropriation of funds.

**Background**

The City of Fort Lauderdale solicited for qualified consulting firms to provide Civil Engineering Services for municipal projects. It is the intent of the City to use the selected consultants on an as-needed basis. The specific scope of work and fee schedule for each work will be individually agreed upon by the City and the consultants. Task orders are to be distributed evenly amongst the consultants following the normal task order approval process.

On February 25, 2022, the Procurement Services Division issued Request for Qualifications (RFQ) 12637-421 - Civil Engineering Services. A total of twenty-nine (29) firms submitted proposals for consulting services. Eight (8) of these firms listed their status as a Disadvantaged Business Enterprise (DBE).

1. A&P Consulting Transportation Engineers, Corp.
2. AE Engineering, Inc. (DBE)
3. AECOM Technical Services, Inc.
4. Arcadis U.S., Inc. (DBE)
5. Black & Veatch Corporation
6. Calvin, Giordano & Associates, Inc.
7. Carnahan Proctor & Cross
8. CES Consultants, Inc. (DBE)
9. Chen Moore and Associates
10. Craven Thompson & Associates, Inc.
11. CSA Central, Inc.
12. EAC Consulting, Inc.
13. EXP U.S. Services Inc.
14. Florida Technical Consultants, LLC
15. Gannett Fleming, Inc.
16. Hazen and Sawyer, PC
17. HBC Engineering Company (DBE)
18. HDR Engineering, Inc.
19. Jacobs Engineering Group Inc. (DBE)
20. KCI Technologies, Inc.
21. Keith and Associates, Inc.
22. Kimley-Horn and Associates, Inc.
23. M&J Engineering, P.C. (DBE)
24. R. J. Behar & Company, Inc. (DBE)
25. Rummel, Klepper & Kahl, LLP
26. Stantec Consulting Services Inc.
27. Tetra Tech, Inc.
28. Woolpert, Inc. (DBE)
29. WSP USA Inc.

On May 18, 2022, the Evaluation Committee convened and shortlisted the top ten (10) highest-ranked vendors:

1. Craven Thompson & Associates, Inc.
2. Chen Moore and Associates
3. Hazen and Sawyer, PC
4. Jacobs Engineering Group Inc.
5. Kimley-Horn and Associates, Inc.
6. AECOM Technical Services, Inc.
7. Calvin, Giordano & Associates, Inc.
8. Tetra Tech, Inc.
9. Black & Veatch Corporation
10. Keith and Associates, Inc.

On May 31, 2022, these firms were invited to conduct vendor presentations to the Evaluation Committee (Committee). The firms' presentations were ranked based on the evaluation criteria shown in the table below.

Evaluation Criteria	Weight (%)
Firm Qualifications and Experience	35
Project Team Experience and Qualifications	35
Methodology and Approach to Scope of Work	30
<b>TOTAL</b>	<b>100</b>

The Evaluation Committee recommended the top seven (7) highest ranked vendors for award.

1. Craven Thompson & Associates, Inc.
2. Chen Moore and Associates
3. AECOM Technical Services, Inc.



4. Hazen and Sawyer, PC
5. Calvin, Giordano & Associates, Inc.
6. Kimley-Horn and Associates, Inc.
7. Black & Veatch Corporation

### **Resource Impact**

There will be a current fiscal year impact of \$1,500,000 for the award. Funds for these agreements in the amount of \$1,500,000 are available in the FY 2023 Community Investment Plan in the account(s) listed below. Future years' expenditures are contingent upon the approval and appropriation of the annual budgets.

<b><i>Funds available as of January 11, 2023</i></b>					
<b>ACCOUNT NUMBER</b>	<b>PROJECT NAME (Program)</b>	<b>CHARACTER/ ACCOUNT NAME</b>	<b>AMENDED BUDGET (Character)</b>	<b>AVAILABLE BALANCE (Character)</b>	<b>AMOUNT</b>
10-331-9100-538-60-6534-P12330	City-Owned Seawall Restoration and Replacement	Capital Outlay /Consultant Engineering	\$1,225,038	\$1,225,038	\$300,000
10-454-7999-536-60-6534-P12408	Force Main (From Pump Station A-54 to A-10) Upsize	Capital Outlay /Consultant Engineering	\$430,254	\$430,254	\$255,000
10-454-7999-536-60-6534-P12803	Poinsettia Drive Small Watermain Improvements	Capital Outlay /Consultant Engineering	\$250,000	\$250,000	\$200,000
10-470-7999-538-60-6534-P12478	Stormstation 1 Fixed Emergency Generator	Capital Outlay /Consultant Engineering	\$520,250	\$520,250	\$160,000
10-470-7999-538-60-6534-P12479	Stormstation 2 Fixed Emergency Generator	Capital Outlay /Consultant Engineering	\$436,000	\$436,000	\$185,000
10-470-7999-538-60-6534-P12815	NE 32 <sup>nd</sup> Avenue and NE 30 <sup>th</sup> Street Stormwater Improvements	Capital Outlay /Consultant Engineering	\$89,610	\$89,610	\$85,000

10-470-7999-538-60-6534-P12818	Sailboat Bend Stormwater Improvements	Capital Outlay /Consultant Engineering	\$135,960	\$135,960	\$60,000
10-470-7999-538-60-6534-P12819	NE 11 <sup>th</sup> Court and Seminole Drive Stormwater Improvements	Capital Outlay /Consultant Engineering	\$387,280	\$387,280	\$100,000
10-470-7999-538-60-6534-P12820	Holly Height Drive Stormwater Improvements	Capital Outlay /Consultant Engineering	\$89,610	\$89,610	\$80,000
10-470-7999-538-60-6534-P12821	SE 1 <sup>st</sup> and 2 <sup>nd</sup> Streets., West of US1 Stormwater Improvements	Capital Outlay /Consultant Engineering	\$158,620	\$158,620	\$75,000
				<b>PURCHASE TOTAL ►</b>	<b>\$1,500,000</b>

### **Strategic Connections**

This item is a *2022 Top Commission Priority*, advancing the Infrastructure and Resiliency initiative.

This item supports the *Press Play Fort Lauderdale 2024 Strategic Plan*, specifically advancing:

- The Infrastructure Focus Area
- Goal 1: Build a sustainable and resilient community
- Objective: Proactively maintain our water, wastewater, stormwater, road, and bridge infrastructure

This item advances the *Fast Forward Fort Lauderdale 2035 Vision Plan: We Are Ready*

This item supports the *Advance Fort Lauderdale 2040 Comprehensive Plan* specifically advancing:

- The Infrastructure Focus Area
- The Sanitary Sewer, Water & Stormwater Element
- Goal 6: Ensure that all areas of the City are reasonably protected from flooding giving due consideration to the City's natural and built environment.

**Attachments**

Exhibit 1 - Solicitation  
Exhibit 2 - Final Ranking  
Exhibit 3 - AECOM Technical Services, Inc. Agreement  
Exhibit 4 - Black & Veatch Corporation Agreement  
Exhibit 5 - Calvin, Giordano & Associates, Inc. Agreement  
Exhibit 6 - Chen Moore and Associates Agreement  
Exhibit 7 - Craven Thompson & Associates, Inc. Agreement  
Exhibit 8 - Hazen and Sawyer, PC Agreement  
Exhibit 9 - Kimley-Horn and Associates, Inc. Agreement

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Prepared by: Rares Petrica, Senior Project Manager, Public Works  
Erick Martinez, Senior Procurement Specialist, Finance  
Friseta Davis, Sr. Administrative Assistant, Procurement

Department Directors: Alan Dodd, Public Works  
Linda Short, Finance

**AGREEMENT**

**between**

**City of Fort Lauderdale**

**and**

**KIMLEY-HORN AND ASSOCIATES, INC.**

**for**

**CIVIL ENGINEERING SERVICES**

**RFQ No. 12637-421**

## AGREEMENT

THIS IS AN AGREEMENT made and entered into this 10<sup>th</sup> day of July, 2023, by and between:

CITY OF FORT LAUDERDALE, a Florida municipality, (hereinafter referred to as "CITY")

and

Kimley-Horn and Associates, Inc., a North Carolina corporation authorized to transact business in the State of Florida (hereinafter referred to as "CONSULTANT")

WHEREAS, the City Commission of the City of Fort Lauderdale, Florida at its meeting of February 21, 2023 authorized by motion the execution of this Agreement between CONSULTANT and CITY authorizing the performance of Civil Engineering Services, RFQ No. 12637-421, incorporated herein, (the "Agreement"); and

WHEREAS, the CONSULTANT is willing and able to render professional services for the compensation and on the terms hereinafter set forth;

NOW, THEREFORE, in consideration of the mutual covenants, agreements, terms, and conditions contained herein, the Parties hereto, do agree as follows:

### ARTICLE 1 DEFINITIONS AND IDENTIFICATIONS

For the purposes of this Agreement and the various covenants, conditions, terms and provisions which follow, the DEFINITIONS and IDENTIFICATIONS set forth below are assumed to be true and correct and are therefore agreed upon by the Parties.

- 1.1 AGREEMENT: Means this document between the CITY and CONSULTANT dated 7/10/23, and any duly authorized and executed Amendments to Agreement.
- 1.2 BASIC SERVICES: Services performed by CONSULTANT for authorized scope of work for the Project phase described in this Agreement and listed in Exhibit "A," Scope of Services.
- 1.3 CHANGE ORDER: A written order, executed by both Parties, to the CONSULTANT and approved by the CITY, authorizing a revision of this Agreement between the CITY and CONSULTANT that is directly related to the original scope of work or an adjustment in the original contract price or the contract time directly related to the original scope of work, executed on or

after the effective date of this Agreement.

- 1.4 CITY: The City of Fort Lauderdale, a Florida municipality.
- 1.5 CITY MANAGER: The City Manager of the City of Fort Lauderdale, Florida.
- 1.6 COMMISSION: The City Commission of the City of Fort Lauderdale, Florida, which is the governing body of the CITY government.
- 1.7 CONSTRUCTION DOCUMENTS: Those working drawings and specifications and other writings setting forth in detail and prescribing the work to be done, the materials, workmanship and other requirements for construction of the entire Project, including any bidding information.
- 1.8 CONSULTANT: Kimley-Horn and Associates, Inc., the CONSULTANT selected to perform professional services pursuant to this Agreement.
- 1.9 CONTRACT ADMINISTRATOR: The Public Works Director for the City of Fort Lauderdale, or his or her designee. In the administration of this Agreement, as contrasted with matters of policy, all parties may rely upon instructions or determinations made by the Contract Administrator, made within the scope of his/her authority.
- 1.10 CONTRACTOR: One or more individuals, firms, corporations or other entities identified as such by a written agreement with CITY ("Contract for Construction") to perform the construction services required to complete the Project.
- 1.11 DEPARTMENT DIRECTOR: The Director of the Public Works Department for the City of Fort Lauderdale.
- 1.12 ERROR: A mistake in design, plans and/or specifications that incorporates into those documents an element that is incorrect and is deficient from the standard of care that a professional engineer in similar circumstances, working on a similar project and location would have exercised. Also includes mistakes in design, plans, specifications and/or shop drawings review that lead to materials and/or equipment being ordered and/or delivered where additional costs are incurred.
- 1.13 NOTICE TO PROCEED: A written Notice to Proceed with the Project issued by the Contract Administrator.
- 1.14 OMISSION: A scope of work missed by CONSULTANT that is necessary for the Project, including a quantity miscalculation, which was later discovered and added by Change Order and which is deficient from the standard of care that a professional engineer in similar circumstances, working on a similar project and location would have exercised. Also includes design that was wrong, but was corrected after award to the Contractor, but before the construction process was materially affected.



- 1.15 **PLANS AND SPECIFICATIONS:** The documents setting forth the final design plans and specifications of the Project, including architectural, civil, structural, mechanical, electrical, communications and security systems, materials, lighting equipment, site and landscape design, and other essentials as may be appropriate, all as approved by CITY as provided in this Agreement.
- 1.16 **PROJECT:** The Civil Engineering Consultant Services set forth in a specific Task Order's scope of work. The services to be provided by CONSULTANT shall be as defined in this Agreement and further detailed in Task Orders for individual projects or combinations of projects. The Project planning, design and construction may occur in separate phases and Task Orders at the CITY'S discretion.
- 1.17 **SPECIFICATIONS:** The specifications referred to in this Agreement are the CONSTRUCTION STANDARDS AND SPECIFICATIONS, Office of the City Engineer, City of Fort Lauderdale, January 1982, including any revisions.
- 1.18 **TASK ORDER:** A document setting forth a negotiated detailed scope of services to be performed by CONSULTANT at fixed contract prices in accordance with this Agreement between the CITY and CONSULTANT.
- 1.19 **TIME OF COMPLETION:** Time in which the entire work shall be completed for each Task Order.

## **ARTICLE 2**

### **PREAMBLE**

In order to establish the background, context and frame of reference for this Agreement and to generally express the objectives and intentions of the respective Parties hereto, the following statements, representations and explanations shall be accepted as predicates for the undertakings and commitments included within the provisions of this Agreement which follow and may be relied upon by the Parties as essential elements of the mutual considerations upon which this Agreement is based.

- 2.1 Pursuant to Section 287.055, Florida Statutes (2022), CITY has formed a Committee to evaluate CONSULTANT'S statement of qualifications and performance data to ensure that CONSULTANT has met the requirements of the Consultants' Competitive Negotiation Act, as set forth in Section 287.055, Florida Statutes (2022), and has selected CONSULTANT to perform services hereunder.

## **ARTICLE 3**

### **SCOPE OF SERVICES**

- 3.1 The CONSULTANT shall perform the following professional services: civil engineering services as more specifically described in Exhibit "A," Scope of Services, attached hereto and incorporated herein, and shall include, but not be

limited to, services as applicable and authorized by individual Task Orders for the individual projects in accordance with Article 6 herein. CONSULTANT shall provide all services set forth in Exhibit "A" including all necessary, incidental and related activities and services required by the Scope of Services and contemplated in CONSULTANT'S level of effort. CONSULTANT will perform the Services in accordance with standard industry practices, with the care, knowledge and skill expected of similar engineering firms. No other warranties, express or implied are made or intended.

- 3.2 CITY and CONSULTANT acknowledge that the Scope of Services does not delineate every detail and minor work tasks required to be performed by CONSULTANT to complete the Project. If, during the course of the performance of the services included in this Agreement, CONSULTANT determines that work should be performed to complete the Project, which is in CONSULTANT's opinion, outside the level of effort originally anticipated, whether or not the Scope of Services identifies the work items, CONSULTANT shall notify Contract Administrator and obtain written approval by the Contract Administrator before proceeding with the work. Notice to Contract Administrator does not constitute authorization or approval by CITY to perform the work. The CITY shall not pay for any work that is not approved by the Contract Administrator in writing. If CONSULTANT proceeds with said work without notifying the Contract Administrator, said work shall be deemed to be within the original level of effort, whether specifically addressed in the Scope of Services. Notice to Contract Administrator does not constitute authorization or approval by CITY to perform the work. Performance of work by CONSULTANT without prior written City approval is at CONSULTANT's sole risk.

#### ARTICLE 4 GENERAL PROVISIONS

- 4.1 Negotiations pertaining to the rates for professional services to be performed by CONSULTANT have been undertaken between CONSULTANT and CITY representatives pursuant to Section 287.055, Florida Statutes, and this Agreement incorporates the results of such negotiation.
- 4.2 CONSULTANT shall include CITY'S specific Task Order number as part of the heading on all correspondence, invoices and drawings. All correspondence shall be directed specifically to the Contract Administrator.

#### ARTICLE 5 PRIORITY OF PROVISIONS

- 5.1 The Contract Documents are intended to include all items necessary for the proper execution and completion of the Work by CONSULTANT. Any labor, services, materials, supplies, equipment or documentation that may reasonably be inferred from the Contract Documents or trade usage from prevailing custom as being required to produce the indicated result will be provided whether or not specifically

called for, at no additional cost to CITY. The Contract Documents are complementary, and wherever possible the provisions of the Contract Documents shall be construed in such manner as to avoid conflicts between provisions of the various Contract Documents. In the event of any inconsistency in the Contract Documents, where such inconsistency is not clarified by change order, addendum or amendment, the Contract Documents shall be construed according to the following priorities:

First priority: Approved Change Orders, Addendums or Amendments to all related documents.

Second priority: Specifications (quality) and Drawings (location and quantity) of CONSULTANT.

Third priority: This Agreement.

Fourth priority: City of Fort Lauderdale Request for Qualifications #12637-421.

Fifth priority: CONSULTANT'S response to City of Fort Lauderdale Request for Qualifications #12637-421.

- 5.2 Anything shown on the drawings and not mentioned in the specifications or mentioned in the specifications and now shown on the drawings, shall have the same effect as if shown or mentioned respectively in both. In the event of a conflict among the Contract Documents, the latest, most stringent, and more technical requirement(s), including, but not limited to, issues of quantities or cost of the Work shall control.

Reference to standard specifications, manuals, rules, regulations, ordinances, laws or codes of any governmental authority, whether such reference be specific or by implication, shall mean the latest standard specification, manual, rule, regulation, ordinance, law or code in effect at the time of permit submittal.

## ARTICLE 6 TASK ORDERS

- 6.1 The Project will be divided into "Tasks."
- 6.2 Task Orders shall be jointly prepared by the CITY and CONSULTANT defining the detailed scope of services to be provided for the particular Project. Each Task Order shall be separately numbered and approved in accordance with this Agreement and all applicable CITY code requirements.
- 6.3 Under all Task Orders and Projects, CITY may require the CONSULTANT, by specific written authorization, and for mutually agreed upon additional compensation, to provide or assist in obtaining one or more of the following special services. These services may include, at the discretion of the CITY, the following items:

- 6.3.1 Providing additional copies of reports, contract drawings and documents; and
- 6.3.2 Assisting CITY with litigation support services arising from the planning, development, or construction.
- 6.4 Prior to initiating the performance of any services under this Agreement, CONSULTANT must receive a written Notice to Proceed / Purchase Order from the CITY. The CONSULTANT must receive the approval of the Contract Administrator or his designee in writing prior to beginning the performance of services in any subsequent Task Order under this Agreement.
- 6.5 If, in the opinion of the CITY, the CONSULTANT is improperly performing the services under a specific Task Order, or if at any time the CITY shall be of the opinion that said Task Order is being unnecessarily delayed and will not be completed within the agreed upon time, the CITY shall notify the CONSULTANT in writing. The CONSULTANT has within ten (10) working days thereafter to take such measures as will, in the judgment of the CITY, ensure satisfactory performance and completion of the Task Order. If the CONSULTANT fails to cure within the ten (10) working days, the CITY may notify the CONSULTANT to discontinue all work under the specified Task Order. The CONSULTANT shall immediately respect said notice and stop said work and cease to have any rights in the possession of the work and shall forfeit the Task Order and any remaining monies. The CITY may then decide, after City Commission approval, to issue a new Task Order for the uncompleted work to another consultant using the remaining funds. Any excess costs arising therefrom over and above the original Task Order price shall be charged against CONSULTANT, as the original CONSULTANT.

ARTICLE 7  
TERM OF AGREEMENT; TIME FOR PERFORMANCE

- 7.1 The initial Agreement term shall commence upon final execution of the Agreement by the City and shall expire two (2) years from that date. The City reserves the right to extend the Agreement for two (2) additional two (2) year terms providing all terms conditions and specifications remain the same, both Parties agree to the extension, and such extension is approved by the City.
- 7.2 CONSULTANT shall perform the services described in Task Orders within the time periods specified in the Task Order. Said time periods shall commence from the date of the Notice to Proceed for such services.
- 7.3 Prior to beginning the performance of any services under this Agreement, CONSULTANT must receive a Notice to Proceed. CONSULTANT must receive written approval from the Contract Administrator prior to beginning the performance of services in any subsequent phases of the Agreement. Prior to granting approval for CONSULTANT to proceed to a subsequent phase, the

Contract Administrator may, at his or her sole option, require CONSULTANT to submit itemized deliverables/documents for the Contract Administrator's review.

- 7.4 In the event CONSULTANT is unable to complete any services because of delays resulting from untimely review by CITY or other governmental authorities having jurisdiction over the Project, and such delays are not the fault of CONSULTANT, or because of delays which were caused by factors outside the control of CONSULTANT, CITY shall grant a reasonable extension of time for completion of the services. It shall be the responsibility of the CONSULTANT to notify CITY promptly in writing whenever a delay in approval by a governmental agency is anticipated or experienced, and to inform CITY of all facts and details related to the delay.
- 7.5 The time for the performance of services described in assigned Task Orders shall be negotiated by the CITY and the CONSULTANT as the services are requested and authorized by the CITY.

## ARTICLE 8 COMPENSATION AND METHOD OF PAYMENT

### 8.1 AMOUNT AND METHOD OF COMPENSATION

#### 8.1.1 Not To Exceed Amount Compensation

CITY agrees to pay CONSULTANT as compensation for performance of all services as related to each Task Order under the terms of this Agreement a Not to Exceed Amount as agreed upon per Task Order. This compensation does not include Reimbursables as described in Section 8.2. It is agreed that the method of compensation is that of "Not to Exceed Amount" which means that CONSULTANT shall perform all services set forth in each Task Order for total compensation in the amount of or less than that stated total. The hourly rate-billing schedule to be used in negotiating each Task Order is attached as Exhibit "B" to this Agreement. As described in Section 9.1, no modification, amendment, or alteration to Exhibit "B" shall be effective unless contained in a written document prepared with the same formality as this Agreement and executed by the CITY and CONSULTANT.

A not to exceed proposal shall be accompanied by the CONSULTANT'S estimate. The estimate shall detail the direct labor costs by categories of employees, work hours, and hourly rate; overhead; direct non-salary expenses including reimbursables; and profit, or as required by individual Task Order.

### 8.2 REIMBURSABLES

- 8.2.1 Direct non-salary expenses, entitled Reimbursables, directly attributable to the Project will be charged at actual cost. Reimbursable expenses are in addition to the compensation for basic services and include actual expenditures made by the CONSULTANT and the CONSULTANT'S

employees directly attributable to the Project and will be charged at actual cost, without reference to the professional service fees above. CITY shall not withhold retainage from payments for Reimbursable Expenses. CONSULTANT shall be compensated for Reimbursables associated with a particular Task Order only up to the amount allocated for such Task Order. Any reimbursable or portion thereof which, when added to the Reimbursables related to a particular Task Order previously billed, exceeds the amount allocated for such Task Order shall be the responsibility of the CONSULTANT unless otherwise agreed to in writing by the Contract Administrator. Travel and subsistence expenses for the CONSULTANT, his staff and subconsultants and communication expenses, long distance telephone, courier and express mail between CONSULTANT's and subconsultants' various offices are not reimbursable under this Agreement. Reimbursables shall include only the following listed expenses unless authorized in writing by the Contract Administrator:

A. Cost of reproduction, postage and handling of drawings and specifications which are required to deliver services set forth in this Agreement, excluding reproductions for the office use of the CONSULTANT. Reimbursable printing and photocopying expenses shall include only those prints or photocopies of original documents which are (i) exchanged among CONSULTANT, CITY and other third parties retained or employed by any of them or (ii) submitted to CITY for review, approval or further distribution. Documents, which are reproduced for CONSULTANT'S internal drafts, reviews, or other purposes, are not eligible for reimbursement.

B. Identifiable testing costs and special inspections approved by Contract Administrator.

C. All permit fees paid to regulatory agencies for approvals directly attributable to the Project. These permit fees do not include those permits required for the construction Contractor.

D. Overnight Delivery/Courier Charges (when CITY requires/requests this service).

8.2.2 Reimbursable subconsultant expenses are limited to the items described above when the subconsultant agreement provides for reimbursable expenses. A detailed statement of expenses must accompany any request for reimbursement. Local travel to and from the Project site or within the Tri-County Area will not be reimbursed.

8.2.3 It is acknowledged and agreed to by CONSULTANT that the dollar limitation set forth in each Task Order is a limitation upon, and describes the maximum extent of CITY's obligation to reimburse CONSULTANT for direct, non-salary expenses, but does not constitute a limitation, of any sort, upon CONSULTANT'S obligation to incur such expenses in the performance of services hereunder. If CITY or Contract Administrator requests



CONSULTANT to incur expenses not contemplated in the amount for Reimbursables, CONSULTANT shall notify Contract Administrator in writing before incurring such expenses. Any such expenses shall be reviewed and approved by CITY prior to incurring such expenses.

### 8.3 METHOD OF BILLING

#### 8.3.1 Not To Exceed Amount Compensation

CONSULTANT shall submit billings, which are identified by the specific project number on a monthly basis in a timely manner for all salary costs and Reimbursables attributable to the Project. These billings shall identify the nature of the work performed for each phase, subtask, deliverable and item identified in the Exhibit "A" Scope of Services or Task Order, the total hours of work performed and the employee category of the individuals performing same. The statement shall show a summary of salary costs with accrual of the total and credits for portions paid previously. Subconsultant fees must be documented by copies of invoices or receipts, which describe the nature of the expenses and contain a project number or other identifier, which clearly indicates the expense, as identifiable to the Project. Except for meals and travel expenses, it shall be deemed unacceptable for the CONSULTANT to modify the invoice or receipt by adding a project number or other identifier. Internal expenses must be documented by appropriate CONSULTANT'S cost accounting forms with a summary of charges by category. When requested, CONSULTANT shall provide backup for past and current invoices that records hours and salary costs by employee category and subconsultant fees on a task basis, so that total hours and costs by task may be determined.

### 8.4 METHOD OF PAYMENT

8.4.1 CITY shall pay CONSULTANT in accordance with the Florida Prompt Payment Act. To be deemed proper, all invoices must comply with the requirements set forth in this Agreement and must be submitted on the form and pursuant to instructions prescribed by Contract Administrator.

8.4.2 CITY will review CONSULTANT'S invoices and, if inaccuracies or errors are discovered in said invoice, CITY will inform CONSULTANT within ten (10) working days by fax and/or by email of such inaccuracies or errors and request that revised copies of all such documents be re-submitted by CONSULTANT to CITY.

8.4.3 Payments are scheduled to be made by CITY to CONSULTANT using a credit card/CITY Procurement Card (P-Card).

8.4.4 Payment will be made to CONSULTANT at:

PO Box 932520  
Atlanta, GA 311393-2520

ARTICLE 9  
AMENDMENTS AND CHANGES IN SCOPE OF SERVICES

- 9.1 No modification, amendment or alteration in the terms or conditions contained herein shall be effective unless contained in a written Amendment prepared with the same formality as this Agreement and executed by the CITY and CONSULTANT.
- 9.2 CITY or CONSULTANT may request changes that would increase, decrease, or otherwise modify the Scope of Services to be provided under a Task Order. Such changes must be contained in a written amendment, executed by the Parties hereto, with the same formality and of equal dignity herewith, prior to any deviation from the terms of the Task Order including the initiation of any additional services. CITY shall compensate CONSULTANT for such additional services as provided in Article 8.
- 9.3 In the event a dispute between the Contract Administrator and CONSULTANT arises over whether requested services constitute additional services and such dispute cannot be resolved by the Contract Administrator and CONSULTANT, such dispute shall be promptly presented to the City Manager for resolution. The City Manager's decision shall be final and binding on the Parties for amounts in the aggregate under \$100,000. In the event of a dispute in an amount over \$100,000, the Parties agree to use their best efforts to settle such dispute. To this effect, they shall consult and negotiate with each other, in good faith and, recognizing their mutual interests, attempt to reach a just and equitable solution satisfactory to both Parties. If they do not reach such solution within a period of sixty (60) days, then upon notice to the other, either Party may commence litigation to resolve the dispute in Broward County, Florida. Any resolution shall be set forth in a written document in accordance with Section 9.2 above. During the pendency of any dispute, CONSULTANT shall continue to perform the disputed services.

ARTICLE 10  
CONSULTANT'S RESPONSIBILITIES

- 10.1 The CONSULTANT, following the CITY'S approval of the Construction Documents and of the Final Statement of Probable Construction Costs, shall, when so directed and authorized by the CITY, assist the CITY in estimating construction costs, reviewing proposals, and assist in awarding agreements for construction. If requested, CONSULTANT shall review and analyze the proposals received by the CITY and shall make a recommendation for any award based on the City of Fort Lauderdale Procurement Ordinance.
- 10.2 Estimates, opinions of probable construction or implementation costs, financial evaluations, feasibility studies or economic analyses prepared by CONSULTANT will represent its best judgment based on its experience and available

information. The CITY recognizes that CONSULTANT has no control over costs of labor, materials, equipment or services furnished by others or over market conditions or CONSULTANT's methods of determining prices, and that any evaluation of a facility to be constructed or work to be performed is speculative. Accordingly, CONSULTANT does not guarantee that proposals, bids or actual costs will not vary from opinions, evaluations or studies submitted by CONSULTANT.

10.3 Should the lowest responsible, responsive proposal exceed the Final Statement of Probable Construction Costs by 10% or more, CONSULTANT shall, at the CITY'S direction, redesign each Project and/or work with the CITY to reduce the costs to within the Final Statement of Probable Construction Costs at no additional expense to the CITY. In such a circumstance, the CITY may at its sole discretion, exercise any one or more of the following options:

- CONSULTANT shall be required to amend at the sole cost and expense of CONSULTANT, the Construction Drawings, Technical Specifications and Supplemental Conditions to enable the project to conform to a maximum of ten (10%) above the Estimated Construction Costs of the project, such amendments to be subject to the written final acceptance and approval of same by the CITY;
- CONSULTANT shall be required to provide at the cost and expense of CONSULTANT, re-bidding services and related items (including costs associated with regulatory review and approval of revised documents) as many times as requested by the CITY until the base bid of at least one "best value" bid falls within the factor of ten (10%) of the Estimated Construction Cost of the project;
- The CITY may approve an increase in the Estimated Construction Cost of the Project;
- The CITY may reject all bids or proposals and may authorize re-bidding;
- The CITY may if permitted, approve a renegotiation of the Project within a reasonable time;
- The CITY may abandon the Project and terminate CONSULTANT'S work authorization and Services for the Project; or
- The CITY may select as many deductive alternatives as may be necessary to bring the award within ten percent (10%) of the Estimated Construction Costs of the Project.

It is expressly understood and agreed that the redesigning services required to keep the Project within 10% of the Estimated Construction Cost shall not be considered additional services and CONSULTANT agrees that it shall not seek compensation from the CITY for such Services.

10.4 The CONSULTANT may be requested to provide the CITY with a list of recommended, prospective proposers.

10.5 The CONSULTANT may be asked to attend all pre-bid / proposal conferences.

- 10.6 The CONSULTANT shall recommend any addenda, through the Contract Administrator, as appropriate to clarify, correct, or change proposal /bid documents.
- 10.7 If pre-qualification of proposers is required as set forth in the request for proposal, CONSULTANT shall assist the CITY, if requested, in developing qualification criteria, review qualifications and recommend acceptance or rejection of the proposers. If requested, CONSULTANT shall evaluate proposals and proposers, and make recommendations regarding any award by the CITY.
- 10.8 The CITY shall make decisions on claims regarding interpretation of the Construction Documents, and on other matters relating to the execution and progress of the work after receiving a recommendation from CONSULTANT. CONSULTANT may also assist in approving progress payments to the Contractor based on each Project Schedule of Values and the percentage of work completed.
- 10.9 The CITY shall maintain a record of all Change Orders which shall be categorized according to the various types, causes, etc. that it may be determined are useful or necessary for its purpose. Among those shall be Change Orders identified as architectural/engineering Errors or Omissions.
- 10.9.1 Unless otherwise agreed by both Parties in writing, it is specifically agreed that any change to the work identified as an Error on the part of CONSULTANT shall be considered for purposes of this Agreement to be an additional cost to the CITY which would not be incurred without the Error. Errors on the part of the CONSULTANT shall be rectified by the CONSULTANT with no additional cost to the CITY.
- 10.9.2 Unless otherwise agreed by both Parties in writing, it is further specifically agreed for purposes of this Agreement that fifteen percent (15%) of the cost of Change Orders for any item categorized as an Omission shall be considered an additional cost to the CITY which would not be incurred without the Omission. So long as the total of those two numbers (Change Order costs of Errors plus fifteen percent (15%) of Omissions) remains less than two percent (2%) of the total Construction Cost of the Project, the CITY shall not look to CONSULTANT for reimbursement for Errors and Omissions.
- 10.9.3 Should the sum of the two as defined above (cost of Errors plus fifteen percent (15%) of the cost of Omissions) exceed two percent (2%) of the Construction Cost, the CITY shall recover the full and total additional cost to the CITY as a result of CONSULTANT'S Errors and Omissions from CONSULTANT, that being defined as the cost of Errors plus fifteen percent (15%) of the cost of Omissions above two percent (2%) of the Construction Cost.

- 10.9.4 To obtain such recovery, the CITY shall deduct from CONSULTANT'S fee a sufficient amount to recover all such additional cost to the CITY.
- 10.9.5 In executing this Agreement, CONSULTANT acknowledges acceptance of these calculations and to the CITY'S right to recover same as stated above. The recovery of additional costs to the CITY under this paragraph shall not limit or preclude recovery for other separate and/or additional damages which the CITY may otherwise incur.
- 10.9.6 10.9.6 The Contract Administrator's decision as to whether a Change Order is caused by an Error or caused by an Omission, taking into consideration industry standards, shall be final and binding on both Parties for amounts in the aggregate under \$100,000 per project, subject to Section 9.3. In the event of a dispute in an amount over \$100,000, the Parties agree to use their best efforts to settle such dispute. To this effect, they shall consult and negotiate with each other, in good faith and, recognizing their mutual interests, attempt to reach a just and equitable solution satisfactory to both Parties. If they do not reach such solution within a period of sixty (60) days, then upon notice to the other, either Party may commence litigation to resolve the dispute in Broward County, Florida.

#### ARTICLE 11 CITY'S RESPONSIBILITIES

- 11.1 CITY shall assist CONSULTANT by placing at CONSULTANT's disposal, all information CITY has available pertinent to the Project including previous reports and any other data relative to design or construction of the Project.
- 11.2 CITY shall arrange for access to, and make all provisions for, CONSULTANT to enter upon public and private property as required for CONSULTANT to perform its services.
- 11.3 CITY shall review the itemized deliverables/documents identified per Task Order.
- 11.4 CITY shall give prompt written notice to CONSULTANT whenever CITY observes or otherwise becomes aware of any development that affects the scope or timing of CONSULTANT'S services or any defect in the work of the Contractor.

#### ARTICLE 12 MISCELLANEOUS

##### 12.1 OWNERSHIP OF DOCUMENTS

All documents including, but not limited to, drawings, renderings, models, and

specifications prepared or furnished by CONSULTANT, its dependent professional associates and consultants, pursuant to this Agreement shall be owned by the CITY.

Drawings, specifications, designs, models, photographs, reports, surveys and other data prepared in connection with this Agreement are and shall remain the property of the CITY whether the Project for which they are made is executed or not, and are subject to reuse by the CITY in accordance with Section 287.055(10), Florida Statutes (2022). They are not intended or represented to be suitable for reuse by the CITY or others on extensions of this Project or on any other project without appropriate verification or adaptation. Any reuse, except for the specific purpose intended hereunder, will be at the CITY's sole risk and without liability or legal exposure to CONSULTANT or its subcontractors. This does not, however, relieve CONSULTANT of liability or legal exposure for errors, omissions, or negligent acts made on the part of CONSULTANT in connection with the proper use of documents prepared under this Agreement. Any such verification or adaptation may entitle CONSULTANT to further compensation at rates to be agreed upon by the CITY and CONSULTANT. This shall not limit the CITY'S reuse of preliminary or developmental plans or ideas incorporated therein, should the Project be suspended or terminated prior to completion.

## 12.2 TERMINATION

12.2.1 Termination for Cause. It is expressly understood and agreed that the CITY may terminate this Agreement at any time for cause in the event that the CONSULTANT (1) violates any provisions of this Agreement or performs same in bad faith or (2) unreasonably delays the performance of the services or does not perform the services in a timely and satisfactory manner upon written notice to the CONSULTANT. Notice of termination shall be provided in accordance with Section 12.27. In the case of termination by the CITY for cause, the CONSULTANT shall be first granted a 10-working day cure period after receipt of written notice from the CITY. In the event that the Agreement is terminated, the CONSULTANT shall be entitled to be compensated for the services rendered and accepted by the CITY from the date of execution of the Agreement up to the time of termination. Such compensation shall be based on the fee as set forth above, wherever possible. For those portions of services rendered to which the applicable fee cannot be applied, payment shall be based upon the appropriate rates for the actual time spent on the Project. In the event that the CONSULTANT abandons this Agreement or through violation of any of the terms and conditions of this Agreement, causes it to be terminated, CONSULTANT shall indemnify the CITY against any and all loss pertaining to this termination.

All finished or unfinished documents, data, studies, surveys, drawings, maps, models, photographs and reports prepared by CONSULTANT shall become the property of CITY and shall be delivered by CONSULTANT to



the CITY within five (5) days of CITY's request. Upon payment of such sum by CITY to CONSULTANT, CITY shall have no further duties or obligations pursuant to or arising from this Agreement.

- 12.2.2 This Agreement may also be terminated by CITY upon such notice as CITY deems appropriate in the event CITY or Contract Administrator determines that termination is necessary to protect the public health, safety, or welfare.
- 12.2.3 Notice of termination shall be provided in accordance with Section 12.26, NOTICES, except that Contract Administrator may provide a prior verbal stop work order if the Contract Administrator deems a stop work order of this Agreement in whole or in part is necessary to protect the public's health, safety, or welfare. A verbal stop work order shall be promptly confirmed in writing as set forth in Section 12.26, NOTICES.
- 12.2.4 Termination for Convenience. In the event this Agreement is terminated for convenience, CONSULTANT shall be paid for any services performed and accepted by the CITY to the date the Agreement is terminated. Compensation shall be withheld until all documents specified in Section 11.3 of this Agreement are provided to the CITY. Upon being notified of CITY'S election to terminate, CONSULTANT shall refrain from performing further services or incurring additional expenses under the terms of this Agreement. Under no circumstances shall CITY make payment for services which have not been performed or not accepted.
- 12.2.5 Termination by Consultant. CONSULTANT shall have the right to terminate this Agreement only based upon breach by the CITY of its obligation under this Agreement as to unreasonable delay in payment or non-payment of undisputed amounts. CONSULTANT shall have no right to terminate this Agreement for convenience of the CONSULTANT.

### 12.3 AUDIT RIGHT AND RETENTION OF RECORDS

CITY shall have the right to audit the books, records, and accounts of CONSULTANT that are related to this Project. CONSULTANT shall keep such books, records, and accounts as may be necessary in order to record complete and correct entries related to the Project.

CONSULTANT shall preserve and make available, at reasonable times and upon prior written notice for examination and audit by CITY all financial records, supporting documents, statistical records, and any other documents pertinent to this Agreement for the required retention period of the Florida Public Records Act (Chapter 119, Florida Statutes), if applicable, or, if the Florida Public Records Act is not applicable, for a minimum of three (3) years after termination of this Agreement. If any audit has been initiated and audit findings have not been resolved at the end of the retention period or three (3) years, whichever is longer,

the books, records, and accounts shall be retained until resolution of the audit findings. If the Florida Public Records Act is determined by CITY to be applicable to CONSULTANT'S records, CONSULTANT shall comply with all requirements thereof; however, no confidentiality or non-disclosure requirement of either federal or state law shall be violated by CONSULTANT. Any incomplete or incorrect entry in such books, records, and accounts shall be a basis for CITY'S disallowance and recovery of any payment upon such entry.

**12.4 NON-DISCRIMINATION, EQUAL EMPLOYMENT OPPORTUNITY, AND AMERICANS WITH DISABILITIES ACT**

CONSULTANT shall not unlawfully discriminate against any person in its operations and activities in its use or expenditure of the funds or any portion of the funds provided by this Agreement and shall affirmatively comply with all applicable provisions of the Americans with Disabilities Act (ADA) in the course of providing any services funded in whole or in part by CITY, including Titles I and II of the ADA (regarding nondiscrimination or the basis of disability), and all applicable regulations, guidelines, and standards.

CONSULTANT'S decisions regarding the delivery of services under this Agreement shall be made without regard to or consideration of race, age, religion, color, gender, sexual orientation, national origin, marital status, physical or mental disability, political affiliation, or any other factor which cannot be lawfully or appropriately used as a basis for service delivery.

CONSULTANT shall comply with Title I of the Americans with Disabilities Act regarding nondiscrimination on the basis of disability in employment and further shall not discriminate against any employee or applicant for employment because of race, age, religion, color, gender, sexual orientation, national origin, marital status, political affiliation, or physical or mental disability. In addition, CONSULTANT shall take affirmative steps to ensure nondiscrimination in employment against disabled persons. Such actions shall include, but not be limited to, the following: employment, upgrading, demotion, transfer, recruitment or recruitment advertising, layoff, termination, rates of pay, other forms of compensation, terms and conditions of employment, training (including apprenticeship), and accessibility.

CONSULTANT shall take affirmative action to ensure that applicants are employed, and employees are treated without regard to race, age, religion, color, gender, sexual orientation, national origin, marital status, political affiliation, or physical or mental disability during employment. Such actions shall include, but not be limited to, the following: employment, upgrading, demotion, transfer, recruitment or recruitment advertising, layoff, termination, rates of pay, other forms of compensation, terms and conditions of employment, training (including apprenticeship), and accessibility.

## 12.5 MINORITY AND DISADVANTAGED PARTICIPATION

Historically, the CITY has been able to achieve participation levels of approximately twelve percent (12%) by MBE/WBE firms in CITY projects, and in the purchase of goods and services. The CONSULTANT shall make a good faith effort to help the CITY maintain and encourage MBE/WBE participation levels consistent with such historical levels and market conditions. The CONSULTANT will be required to document all such efforts and supply the CITY with this documentation at the end of the Project, or in cases where projects are longer than one year, each CITY fiscal year.

## 12.6 PUBLIC ENTITY CRIMES ACT

In accordance with the Public Crimes Act, Section 287.133, Florida Statutes, a person or affiliate who is a contractor, consultant or other provider, who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to the City, may not submit a bid on a contract with the City for the construction or repair of a public building or public work, may not submit bids on leases of real property to the City, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with the City, and may not transact any business with the City in excess of the threshold amount provided in Section 287.017, Florida Statutes, for category two purchases for a period of thirty-six (36) months from the date of being placed on the convicted vendor list. Violation of this section by Consultant shall result in cancellation of the City purchase and may result in Consultant debarment.

## 12.7 SUBCONSULTANTS

12.7.1 CONSULTANT may subcontract certain items of work to subconsultant. The Parties expressly agree that the CONSULTANT shall submit pertinent information regarding the proposed subconsultant, including subconsultant's scope of work and fees, for review and approval by the CITY prior to subconsultant's proceeding with any work.

12.7.2 CONSULTANT shall utilize the subconsultants identified in the proposal that were a material part of the selection of CONSULTANT to provide the services for this Project. CONSULTANT shall obtain written approval of the Contract Administrator prior to changing or modifying the list of subconsultants submitted by CONSULTANT.

The list of subconsultants submitted is as follows:

- Tierra South Florida, Inc.
- InfraMap Corp.
- MetCo Sevices Southeast, LLC
- Bailey Engineering Consultants, Inc.
- Avirom & Associates, Inc.

## 12.8 ASSIGNMENT AND PERFORMANCE

Neither this Agreement nor any interest herein shall be assigned, transferred, or encumbered without the written consent of the other Party, and CONSULTANT shall not subcontract any portion of the work required by this Agreement except as authorized pursuant to Section 12.7.

CONSULTANT represents that all persons delivering the services required by this Agreement have the knowledge and skills, either by training, experience, education, or a combination thereof, to adequately and competently perform the duties, obligations, and services set forth in the Scope of Services and to provide and perform such services to CITY's satisfaction for the agreed compensation.

CONSULTANT shall perform its duties, obligations, and services under this Agreement in a skillful and respectable manner. The quality of CONSULTANT'S performance and all interim and final product(s) provided to or on behalf of CITY shall meet or exceed all professional standards of the State of Florida.

## 12.9 INDEMNIFICATION OF CITY

12.9.1 CONSULTANT shall indemnify and hold harmless CITY, its officers and employees, from liabilities, damages, losses, and costs, including but not limited to reasonable attorneys' fees, to the extent caused by the negligence, recklessness or intentional misconduct of CONSULTANT and persons employed or utilized by CONSULTANT in the performance of this Agreement. These indemnifications shall survive the term of this Agreement. In the event that any action or proceeding is brought against CITY by reason of any such claim or demand, CONSULTANT, shall, upon written notice from CITY, resist and defend such action or proceeding by counsel approved by the CITY. In accordance with Florida Statutes Chapter 558, the CITY acknowledges that no individual employee or agent shall be held individually liable for damages, resulting from his/her negligence occurring within the scope of this Agreement.

12.9.2 To the extent considered necessary by Contract Administrator and CITY, any sums due the CONSULTANT under this Agreement may be retained by CITY until all of the CITY's claims for indemnification pursuant to this Agreement have been settled or otherwise resolved, and any amount withheld shall not be subject to payment of interest by CITY.

12.9.3 The Indemnification provided above shall obligate CONSULTANT to defend at its own expense to and through appellate, supplemental or bankruptcy proceeding, or to provide for such defense, at CITY's option, any and all claims of liability and all suits and actions of every name and description covered by Section 11.9.1 above that may be brought against CITY whether performed by CONSULTANT, or persons employed or utilized by CONSULTANT.

#### **12.10 LIMITATION OF CITY'S LIABILITY**

The CITY desires to enter into this Agreement only if in so doing the CITY can place a limit on the CITY'S liability for any cause of action arising out of this Agreement, so that the CITY'S liability for any breach never exceeds the sum of \$1,000.00. For other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the CONSULTANT expresses its willingness to enter into this Agreement with the knowledge that the CONSULTANT'S recovery from the CITY to any action or claim arising from the Agreement is limited to a maximum amount of \$1,000.00 less the amount of all funds actually paid by the CITY to the CONSULTANT pursuant to this Agreement. Accordingly, and notwithstanding any other term or condition of this Agreement that may suggest otherwise, the CONSULTANT agrees that the CITY shall not be liable to the CONSULTANT for damages in an amount in excess of \$1,000.00, which amount shall be reduced by the amount actually paid by the CITY to the CONSULTANT pursuant to this Agreement, for any action or claim arising out of this Agreement. Nothing contained in this paragraph or elsewhere in this Agreement is in any manner intended either to be a waiver of the limitation placed upon the CITY'S liability as set forth in Section 768.28, Florida Statutes, or to extend the CITY'S liability beyond the limits established in said Section 768.28; and no claim or award against the CITY shall include attorney's fees, investigative costs, extended damages, expert fees, suit costs or pre-judgment interest. Notwithstanding the foregoing, the parties agree and understand that the provisions of this Article 12.10 do not apply to monies owed, if any, for services rendered to CONSULTANT by the CITY under the provisions of this Agreement.

#### **12.11 INSURANCE**

As a condition precedent to the effectiveness of this Agreement, during the term of this Agreement and during any renewal or extension term of this Agreement, the Consultant, at its sole expense, shall provide insurance of such types and with such terms and limits as noted below. Providing proof of and maintaining adequate insurance coverage are material obligations of the Consultant. The Consultant shall provide the City a certificate of insurance evidencing such coverage. The Consultant's insurance coverage shall be primary insurance for all applicable policies. The limits of coverage under each policy maintained by the Consultant shall not be interpreted as limiting the Consultant's liability and obligations under this Agreement. All insurance policies shall be through insurers authorized or eligible to write policies in the State of Florida and possess an A.M. Best rating of A-, VII or better, subject to approval by the City's Risk Manager.

The coverages, limits, and/or endorsements required herein protect the interests of the City, and these coverages, limits, and/or endorsements shall in no way be relied upon by the Consultant for assessing the extent or determining appropriate types and limits of coverage to protect the Consultant against any loss exposures, whether as a result of this Agreement or otherwise. The requirements contained

herein, as well as the City's review or acknowledgement, are not intended to and shall not in any manner limit or qualify the liabilities and obligations assumed by the Consultant under this Agreement.

The following insurance policies and coverages are required:

Commercial General Liability

Coverage must be afforded under a Commercial General Liability policy with limits not less than:

- \$1,000,000 each occurrence and \$2,000,000 aggregate for Bodily Injury, Property Damage, and Personal and Advertising Injury
- \$1,000,000 each occurrence and \$2,000,000 aggregate for Products and Completed Operations

Policy must include coverage for contractual liability and independent contractors.

The City, a Florida municipal corporation, its officials, employees, and volunteers are to be covered as an additional insured with a CG 20 26 04 13 Additional Insured – Designated Person or Organization Endorsement or similar endorsement providing equal or broader Additional Insured Coverage with respect to liability arising out of activities performed by or on behalf of the Consultant. The coverage shall contain no special limitation on the scope of protection afforded to the City, its officials, employees, and volunteers.

Professional Liability

Coverage must be afforded for Wrongful Acts in an amount not less than \$1,000,000 each claim and \$2,000,000 aggregate.

Consultant must keep the professional liability insurance in force until the third anniversary of expiration or early termination of this Agreement or the third anniversary of acceptance of work by the City, whichever is longer, which obligation shall survive expiration or early termination of this Agreement.

Business Automobile Liability

Coverage must be afforded for all Owned, Hired, Scheduled, and Non-Owned vehicles for Bodily Injury and Property Damage in an amount not less than \$1,000,000 combined single limit each accident.

If the Consultant does not own vehicles, the Consultant shall maintain coverage for Hired and Non-Owned Auto Liability, which may be satisfied by way of endorsement to the Commercial General Liability policy or separate Business Auto Liability policy.

Workers' Compensation and Employer's Liability

Coverage must be afforded per Chapter 440, Florida Statutes (2022). Any person or entity performing work for or on behalf of the City must provide Workers'



Compensation insurance. Exceptions and exemptions will be allowed by the City's Risk Manager, if they are in accordance with Florida Statutes.

The Consultant waives, and the Consultant shall ensure that the Consultant's insurance carrier waives, all subrogation rights against the City, its officials, employees, and volunteers for all losses or damages. The City requires the policy to be endorsed with WC 00 03 13 Waiver of our Right to Recover from Others or equivalent.

The Consultant must be in compliance with all applicable State and federal workers' compensation laws, including the U.S. Longshore Harbor Workers' Act and the Jones Act, if applicable.

#### Insurance Certificate Requirements

- a. The Consultant shall provide the City with valid Certificates of Insurance (binders are unacceptable) no later than ten (10) days prior to the start of work contemplated in this Agreement.
- b. The Consultant shall provide to the City a Certificate of Insurance having a thirty (30) day notice of cancellation; ten (10) days' notice if cancellation is for nonpayment of premium.
- c. In the event that the insurer is unable to accommodate the cancellation notice requirement, it shall be the responsibility of the Consultant to provide the proper notice. Such notification will be in writing by registered mail, return receipt requested, and addressed to the certificate holder.
- d. In the event the Agreement term or any surviving obligation of the Consultant following expiration or early termination of the Agreement goes beyond the expiration date of the insurance policy, the Consultant shall provide the City with an updated Certificate of Insurance no later than ten (10) days prior to the expiration of the insurance currently in effect. The City reserves the right to suspend the Agreement until this requirement is met.
- e. The Certificate of Insurance shall indicate whether coverage is provided under a claims-made or occurrence form. If any coverage is provided on a claims-made form, the Certificate of Insurance must show a retroactive date, which shall be the effective date of the initial contract or prior.
- f. The City shall be named as an Additional Insured on all liability policies, with the exception of Workers' Compensation.
- g. The City shall be granted a Waiver of Subrogation on the Consultant's Workers' Compensation insurance policy.
- h. The title of the Agreement, Bid/Contract number, event dates, or other identifying reference must be listed on the Certificate of Insurance.

#### The Certificate Holder should read as follows:

City of Fort Lauderdale  
100 N. Andrews Avenue  
Fort Lauderdale, FL 33301

The Consultant has the sole responsibility for all insurance premiums and shall be fully and solely responsible for any costs or expenses as a result of a coverage deductible, co-insurance penalty, or self-insured retention; including any loss not covered because of the operation of such deductible, co-insurance penalty, self-insured retention, or coverage exclusion or limitation. Any costs for adding the City as an Additional Insured shall be at the Consultant's expense.

If the Consultant's primary insurance policy/policies do not meet the minimum requirements, as set forth in this Agreement, the Consultant may provide evidence of an Umbrella/Excess insurance policy to comply with this requirement.

The Consultant's insurance coverage shall be primary insurance as respects to the City, a Florida municipal corporation, its officials, employees, and volunteers. Any insurance or self-insurance maintained by the City, a Florida municipal corporation, its officials, employees, or volunteers shall be non-contributory.

Any exclusion or provision in any insurance policy maintained by the Consultant that excludes coverage required in this Agreement shall be deemed unacceptable and shall be considered breach of contract.

All required insurance policies must be maintained until the contract work has been accepted by the City, or until this Agreement is terminated, whichever is later. Any lapse in coverage shall be considered breach of contract. In addition, Consultant must provide to the City confirmation of coverage renewal via an updated certificate should any policies expire prior to the expiration of this Agreement. The City reserves the right to review, at any time, coverage forms and limits of Consultant's insurance policies.

The Consultant shall provide notice of any and all claims, accidents, and any other occurrences associated with this Agreement to the Consultant's insurance company or companies and the City's Risk Management office, as soon as practical.

It is the Consultant's responsibility to ensure that any and all of the Consultant's independent contractors and subconsultants comply with these insurance requirements. All coverages for independent contractors and subconsultants shall be subject to all of the applicable requirements stated herein. Any and all deficiencies are the responsibility of the Consultant.

**NOTE: CITY PROJECT NUMBER, PROJECT NAME AND BID NUMBER MUST APPEAR ON EACH CERTIFICATE, AND THE CITY OF FORT LAUDERDALE MUST BE NAMED ON THE CERTIFICATE AS AN "ADDITIONAL INSURED" ON REQUIRED LIABILITY POLICIES.**

## 12.12 REPRESENTATIVE OF CITY AND CONSULTANT

12.12.1 The Parties recognize that questions in the day-to-day conduct of the Project will arise. The Contract Administrator, upon CONSULTANT'S request, shall advise CONSULTANT in writing of one (1) or more CITY employees to whom all communications pertaining to the day-to-day conduct of the Project shall be addressed.

12.12.2 CONSULTANT shall inform the Contract Administrator in writing of CONSULTANT'S representative to whom matters involving the conduct of the Project shall be addressed.

## 12.13 ALL PRIOR AGREEMENTS SUPERSEDED

This document incorporates and includes all prior negotiations, correspondence, conversations, agreements or understandings applicable to the matters contained herein; and the Parties agree that there are no commitments, agreements or understandings concerning the subject matter of this Agreement that are not contained in this document. Accordingly, the Parties agree that no deviation from the terms hereof shall be predicated upon any prior representations or agreements whether oral or written.

It is further agreed that no modification, amendment or alteration in the terms or conditions contained herein shall be effective unless contained in a written document executed with the same formality and of equal dignity herewith.

## 12.14 CONSULTANT'S STAFF

CONSULTANT will provide the key staff identified in its proposal for the Project as long as said key staff are in CONSULTANT's employment.

CONSULTANT will obtain prior written approval of Contract Administrator to change key staff. CONSULTANT shall provide Contract Administrator with such information as necessary to determine the suitability of any proposed new key staff. Contract Administrator will be reasonable in evaluating key staff qualifications.

If Contract Administrator desires to request removal of any of CONSULTANT'S staff, Contract Administrator shall first meet with CONSULTANT and provide reasonable justification for said removal.

## 12.15 INDEPENDENT CONTRACTOR

CONSULTANT is an independent contractor under this Agreement. Services provided by CONSULTANT shall be subject to the supervision of CONSULTANT. In providing the services, CONSULTANT or its agents shall not be acting and shall not be deemed as acting as officers, employees, or agents of the CITY. Personnel

policies, tax responsibilities, social security and health insurance, employee benefits, purchasing policies and other similar administrative procedures applicable to services rendered under this Agreement shall be those of CONSULTANT. The Parties expressly acknowledge that it is not their intent to create any rights or obligations in any third person or entity under this Agreement.

#### 12.16 THIRD PARTY BENEFICIARIES

Neither CONSULTANT nor CITY intends to directly or substantially benefit a third party by this Agreement. Therefore, the parties agree that there are no third-party beneficiaries to this Agreement and that no third party shall be entitled to assert a claim against either of them based upon this Agreement.

#### 12.17 CONFLICTS

Neither CONSULTANT nor its employees shall have or hold any continuing or frequently recurring employment or contractual relationship that is substantially antagonistic or incompatible with CONSULTANT'S loyal and conscientious exercise of judgment related to its performance under this Agreement.

CONSULTANT agrees that none of its officers or employees shall, during the term of this Agreement, serve as expert witness against CITY in any legal or administrative proceeding in which he or she is not a party, unless compelled by court process, nor shall such persons give sworn testimony or issue a report or writing, as an expression of his or her expert opinion, which is adverse or prejudicial to the interests of CITY or in connection with any such pending or threatened legal or administrative proceeding. The limitations of this Section shall not preclude such persons from representing themselves in any action or in any administrative or legal proceeding.

In the event CONSULTANT is permitted to utilize subconsultants to perform any services required by this Agreement, CONSULTANT agrees to prohibit such subconsultants, by written contract, from having any conflicts as within the meaning of this Section.

#### 12.18 CONTINGENCY FEE

CONSULTANT warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for CONSULTANT, to solicit or secure this Agreement and that it has not paid or agreed to pay any person, company, corporation, individual or firm, other than a bona fide employee working solely for CONSULTANT, any fee, commission, percentage, gift, or other consideration contingent upon or resulting from the award or making of this Agreement. For a breach or violation of this provision, the CITY shall have the right to terminate this Agreement without liability at its discretion, or to deduct from the Agreement price or otherwise recover the full amount of such fee, commission, percentage, gift or consideration.

#### 12.19 WAIVER OF BREACH AND MATERIALITY

Failure by CITY to enforce any provision of this Agreement shall not be deemed a waiver of such provision or modification of this Agreement.

CITY and CONSULTANT agree that each requirement, duty, and obligation set forth herein is substantial and important to the formation of this Agreement and, therefore, is a material term hereof.

#### 12.20 COMPLIANCE WITH LAWS

CONSULTANT shall comply with all applicable federal, state, and local laws, codes, ordinances, rules, and regulations in performing its duties, responsibilities, and obligations related to this Agreement.

#### 12.21 SEVERANCE

In the event this Agreement or a portion of this Agreement is found by a court of competent jurisdiction to be invalid, the remaining provisions shall continue to be effective unless CITY or CONSULTANT elects to terminate this Agreement. The election to terminate this Agreement based upon this provision shall be made within seven (7) days after the findings by the court become final.

#### 12.22 JOINT PREPARATION

Preparation of this Agreement has been a joint effort of CITY and CONSULTANT and the resulting document shall not, solely as a matter of judicial construction, be construed more severely against one of the parties than any other.

#### 12.23 PRIORITY OF PROVISIONS

If there is a conflict or inconsistency between any term, statement, requirement, or provision of any exhibit attached hereto, any document or events referred to herein, or any document incorporated into this Agreement by reference and a term, statement, requirement, or provision of this Agreement, the term, statement, requirement, or provision contained in Articles 1-12 of this Agreement shall prevail and be given effect.

#### 12.24 APPLICABLE LAW AND VENUE AND WAIVER OF JURY TRIAL

This Agreement shall be construed in accordance with and governed by the laws of the State of Florida. Venue for any lawsuit by either party against the other party or otherwise arising out of this Agreement and for any other legal proceeding shall be in Broward County, Florida, or in the event of federal jurisdiction, in the Southern District of Florida. **BY ENTERING INTO THIS AGREEMENT, THE PARTIES HEREBY EXPRESSLY WAIVE ANY RIGHTS EITHER PARTY MAY**

**HAVE TO A TRIAL BY JURY OF ANY ISSUES RELATED TO OR ARISING OUT OF THIS AGREEMENT. AFTER WRITTEN NOTICE BY THE OTHER PARTY OF VIOLATION OF THIS SECTION, THE PARTY MAKING THE REQUEST FOR JURY TRIAL SHALL BE LIABLE FOR THE REASONABLE ATTORNEYS' FEES AND COSTS OF THE OTHER PARTY IN CONTESTING THE REQUEST FOR JURY TRIAL, AND SUCH AMOUNTS SHALL BE AWARDED BY THE COURT IN ADJUDICATING THE MOTION.**

**12.25 ONE ORIGINAL AGREEMENT**

This Agreement shall be executed in one (1), signed Agreement, treated as an original.

**12.26 NOTICES**

Whenever either Party desires to give notice unto the other, it must be given by written notice, sent by certified United States mail, with return receipt requested, addressed to the Party for whom it is intended, at the place last specified, and the place for giving of notice in compliance with the provisions of this paragraph. For the present, the Parties designate the following as the respective places for giving of notice, to-wit:

CITY: Rares Petrica  
Project Manager  
City of Fort Lauderdale  
100 N. Andrews Avenue  
Fort Lauderdale, FL 33301  
Telephone: (954) 828-8000  
Email: RPetrica@fortlauderdale.gov

With a copies to: City Manager  
City of Fort Lauderdale  
100 North Andrews Avenue  
Fort Lauderdale, FL 33301  
Telephone: (954) 828-5364

City Attorney  
City of Fort Lauderdale  
100 North Andrews Avenue  
Fort Lauderdale, FL 33301  
Telephone: (954) 828-5037

CONSULTANT: Gary R. Ratay, P.E., Vice President  
Kimley-Horn and Associates, Inc.  
8201 Peters Road, Suite 2200  
Plantation, FL 33324

Telephone (954) 535- 5100  
Email: [gary.ratay@kimley-horn.com](mailto:gary.ratay@kimley-horn.com)

#### 12.27 ATTORNEY FEES

If CITY or CONSULTANT incurs any expense in enforcing the terms of this Agreement through litigation, the prevailing party in that litigation shall be reimbursed for all such costs and expenses, including but not limited to court costs, and reasonable attorney fees incurred during litigation.

#### 12.28 ENVIRONMENTAL, HEALTH AND SAFETY

CONSULTANT shall maintain a safe working environment during performance of the work. CONSULTANT shall comply, and shall secure compliance by its employees, agents, and subconsultants, with all applicable environmental, health, safety and security laws and regulations, and performance conditions in this Agreement. Compliance with such requirements shall represent the minimum standard required of CONSULTANT. CONSULTANT shall be responsible for examining all requirements and determine whether additional or more stringent environmental, health, safety and security provisions are required for the work. CONSULTANT agrees to utilize protective devices as required by applicable laws, regulations, and any industry or CONSULTANT'S health and safety plans and regulations, and to pay the costs and expenses thereof, and warrants that all such persons shall be fit and qualified to carry out the Work.

#### 12.29 STANDARD OF CARE

CONSULTANT represents that it is qualified to perform the work, that CONSULTANT and its subconsultants possess current, valid state and/or local licenses to perform the Work, and that their services shall be performed in a manner consistent with that level of care and skill ordinarily exercised by other qualified consultants under similar circumstances. Consultant will perform the services in accordance with standard industry practices, with the care, knowledge and skill expected of similar engineering firms. No other warranties, express or implied are made or intended.

#### 12.30 TRUTH-IN-NEGOTIATION CERTIFICATE

Signature of this Agreement by CONSULTANT shall act as the execution of a Truth-in-Negotiation Certificate stating that wage rates and other factual unit costs supporting the compensation of this Agreement are accurate, complete, and current at the time of contracting. The original contract price and any additions thereto shall be adjusted to exclude any significant sums, by which the CITY determines that contract price was increased due to inaccurate, incomplete, or non-current wage rates and other factual unit costs. All such contract adjustments must be made within 1 year following the end of the contract.

### 12.31 EVALUATION

The CITY maintains the right to periodically review the performance of the CONSULTANT. This review will take into account the timely execution of Task Orders, the quality of the work performed, the cost to the CITY and the good faith efforts made by the CONSULTANT to maintain MBE/WBE participation in CITY projects. Any deficiencies in performance will be described in writing and an opportunity afforded, where practicable, for the CONSULTANT to address and/or remedy such deficiencies.

### 12.32 STATUTORY COMPLIANCE

CONSULTANT shall prepare all documents and other materials for the Project in accordance with all applicable rules, laws, ordinances and governmental regulations of the State of Florida, Broward County, the City of Fort Lauderdale, Florida, and all governmental agencies having jurisdiction over the services to be provided by CONSULTANT under this Agreement or over any aspect or phase of the Project.

### 12.33 SCRUTINIZED COMPANIES

Prohibition Against Contracting With Scrutinized Companies: Subject to *Odebrecht Construction, Inc., v. Prasad*, 876 F.Supp.2d 1305 (S.D. Fla. 2012), *affirmed*, *Odebrecht Construction, Inc., v. Secretary, Florida Department of Transportation*, 715 F.3d 1268 (11<sup>th</sup> Cir. 2013), with regard to the "Cuba Amendment," the CONSULTANT certifies that it is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, and that it does not have business operations in Cuba or Syria, as provided in Section 287.135, Florida Statutes (2022), as may be amended or revised. The CONSULTANT certifies that it is not on the Scrutinized Companies that Boycott Israel List created pursuant to Section 215.4725, Florida Statutes (2022), as may be amended or revised, and that it is not engaged in a boycott of Israel. The City may terminate this Agreement at the City's option if the CONSULTANT is found to have submitted a false certification as provided under subsection (5) of Section 287.135, Florida Statutes (2022), as may be amended or revised, or been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List or the Scrutinized Companies that Boycott Israel List created pursuant to Section 215.4725, Florida Statutes (2022), as may be amended or revised, or is engaged in a boycott of Israel or has been engaged in business operations in Cuba or Syria, as defined in Section 287.135, Florida Statutes (2022), as may be amended or revised.



By submitting a proposal or response, the CONSULTANT, principals, or owners certify that it is not listed on the Scrutinized Companies with Activities in Sudan List or listed on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List or is engaged in business operations in Cuba or Syria.

#### **12.34 PUBLIC RECORDS**

**IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES (2022), TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT CITY CLERK'S OFFICE, 100 NORTH ANDREWS AVENUE, FORT LAUDERDALE, FLORIDA 33301, PHONE: 954-828-5002, EMAIL: PRRCONTRACT@FORTLAUDERDALE.GOV.**

Consultant shall:

1. Keep and maintain public records required by the City in order to perform the service.
2. Upon request from the City's custodian of public records, provide the City with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes (2022), as may be amended or revised, or as otherwise provided by law.
3. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of this Agreement if CONSULTANT does not transfer the records to the City.
4. Upon completion of the Agreement, transfer, at no cost to the City, all public records in possession of CONSULTANT or keep and maintain public records required by the City to perform the service. If CONSULTANT transfers all public records to the City upon completion of this Agreement, CONSULTANT shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If CONSULTANT keeps and maintains public records upon completion of this Agreement, CONSULTANT shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City, upon request from the City's custodian of public records, in a format that is compatible with the information technology systems of the City.

#### 12.35 INTELLECTUAL PROPERTY

CONSULTANT shall protect and defend at CONSULTANT'S expense, counsel being subject to the City's approval, and indemnify and hold harmless the City from and against any and all losses, penalties, fines, damages, settlements, judgments, claims, costs, charges, royalties, expenses, or liabilities, including any award of attorney fees and any award of costs, in connection with or arising directly or indirectly out of any infringement or allegation of infringement of any patent, copyright, or other intellectual property right in connection with the CONSULTANT'S or the CITY'S use of any copyrighted, patented or un-patented invention, process, article, material, or device that is manufactured, provided, or used pursuant to this Agreement. If the CONSULTANT uses any design, device, or materials covered by letters, patent or copyright, it is mutually agreed and understood without exception that the bid prices shall include all royalties or costs arising from the use of such design, device, or materials in any way involved in the work.

#### 12.36 RIGHTS IN DOCUMENTS AND WORK

Any and all reports, photographs, surveys, and other data and documents provided or created in connection with this Agreement are and shall remain the property of CITY; and CONSULTANT disclaims any copyright in such materials. In the event of and upon termination of this Agreement, any reports, photographs, surveys, and other data and documents prepared by CONSULTANT, whether finished or unfinished, shall become the property of City and shall be delivered by CONSULTANT to the CITY'S Contract Administrator within seven (7) days of termination of this Agreement by either Party. Any compensation due to CONSULTANT shall be withheld until CONSULTANT delivers all documents to the CITY as provided herein.

#### 12.37 REPRESENTATION OF AUTHORITY

Each individual executing this Agreement on behalf of a Party hereto hereby represents and warrants that he or she is, on the date he or she signs this Agreement, duly authorized by all necessary and appropriate action to execute this Agreement on behalf of such Party and does so with full legal authority.

#### 12.38 NON-DISCRIMINATION

The CONSULTANT shall not, in any of its activities, including employment, discriminate against any individual on the basis of race, color, national origin, age, disability, religion, creed, sex, disability, sexual orientation, gender, gender identity, gender expression, marital status or any other protected classification as defined by applicable law.

1. The CONSULTANT certifies and represents that it will comply with Section 2-187, Code of Ordinances of the City of Fort Lauderdale, Florida, as may be amended or revised, ("Section 2-187").
2. The failure of the CONSULTANT to comply with Section 2-187 shall be deemed to be a material breach of the Agreement, entitling the CITY to pursue any remedy stated below or any remedy provided under applicable law.
3. The CITY may terminate this Agreement if the CONSULTANT fails to comply with Section 2-187.
4. The CITY may retain all monies due or to become due until the CONSULTANT complies with Section 2-187.
5. The CONSULTANT may be subject to debarment or suspension proceedings. Such proceedings will be consistent with the procedures in section 2-183 of the Code of Ordinances of the City of Fort Lauderdale, Florida.

12.39

E-Verify

As a condition precedent to the effectiveness of this Agreement, pursuant to Section 448.095, Florida Statutes (2022), as may be amended or revised, the CONSULTANT and its subcontractors shall register with and use the E-Verify system to electronically verify the employment eligibility of newly hired employees.

1. The CONSULTANT shall require each of its subconsultants, if any, to provide the CONSULTANT with an affidavit stating that the subconsultant does not employ, contract with, or subconsultant with an unauthorized alien. The CONSULTANT shall maintain a copy of the subconsultant's affidavit for the duration of this Agreement and in accordance with the public records requirements of this Agreement.
2. The City, the CONSULTANT, or any subconsultant who has a good faith belief that a person or entity with which it is contracting has knowingly violated Section 448.09(1), Florida Statutes (2022), as may be amended or revised, shall terminate the Agreement with the person or entity.
3. The City, upon good faith belief that a subconsultant knowingly violated the provisions of Section 448.095(2), Florida Statutes (2022), as may be amended or revised, but that the CONSULTANT otherwise complied with Section 448.095(2), Florida Statutes (2022), as may be amended or revised, shall promptly notify CONSULTANT and order the CONSULTANT to immediately terminate the contract with the subconsultant, and the CONSULTANT shall comply with such order.

4. An Agreement terminated under Sections 448.095(2)(c)1. or 2., Florida Statutes (2022), as may be amended or revised, is not a breach of contract and may not be considered as such. If the City terminates this Agreement under Section 448.095(2)(c), Florida Statutes (2022), as may be amended or revised, the CONSULTANT may not be awarded a public contract for at least one year after the date on which the Agreement was terminated. The CONSULTANT is liable for any additional costs incurred by the City as a result of termination of this Agreement.
5. CONSULTANT shall include in each of its subconsultants, if any, the requirements set forth in this section, including this subparagraph, requiring any and all subconsultants, as defined in Section 448.095(1)(j), Florida Statutes (2022), as may be amended or revised, to include all of the requirements of this section in its subcontracts. CONSULTANT shall be responsible for compliance by any and all subconsultants, as defined in Section 448.095(1)(j), Florida Statutes (2022), as may be amended or revised, with the requirements of Section 448.095, Florida Statutes (2022), as may be amended or revised.

12.40 Force Majeure: No Party shall hold the other responsible for damages or for delays in performance caused by force majeure, acts of God, or other acts or circumstances beyond the control of the other party or that could not have been reasonably foreseen and prevented. For this purpose, such acts or circumstances shall include, but not be limited to weather conditions affecting performance, floods, epidemics, pandemics, war, act of Governmental Authority, state of emergency, riots, strikes, lockouts, or other industrial disturbances, or protest demonstrations. Should such acts or circumstances occur, the Parties shall use their best efforts to overcome the difficulties arising therefrom and to resume the Work as soon as reasonably possible with the normal pursuit of the Work.

Inclement weather, continuous rain for less than three (3) days or the acts or omissions of subcontractors, third-party contractors, materialmen, suppliers, or their subcontractors, shall not be considered acts of force majeure.

No Party shall be liable for its failure to carry out its obligations under the Agreement during a period when such Party is rendered unable by force majeure to carry out its obligation, but the obligation of the Party or Parties relying on such force majeure shall be suspended only during the continuance of the inability and for no longer period than the unexpected or uncontrollable event.

The CONSULTANT further agrees and stipulates, that its right to excuse its failure to perform by reason of force majeure shall be conditioned upon giving written notice of its assertion that a Force Majeure delay has commenced within ninety-six (96) hours after such an occurrence. The CONSULTANT shall use its reasonable efforts to minimize such delays. The CONSULTANT shall promptly provide an estimate of the anticipated additional time required to complete the Project.

**[THIS SPACE WAS INTENTIONALLY LEFT BLANK]**

IN WITNESS OF THE FOREGOING, the Parties have set their hands and seals  
the day and year first written above.

CITY

CITY OF FORT LAUDERDALE, a Florida  
municipal corporation

By:   
GREG CHAVARRIA  
City Manager


Date: 7/10/23

ATTEST:

By:   
DAVID R. SOLOMAN  
City Clerk



Approved as to Legal Form:  
D'Wayne M. Spence, Interim City Attorney

By:   
RHONDA MONTOYA HASAN  
Assistant City Attorney

WITNESSES:

Kimley-Horn and Associates, Inc., a North Carolina corporation authorized to conduct business in the State of Florida,

[Signature]

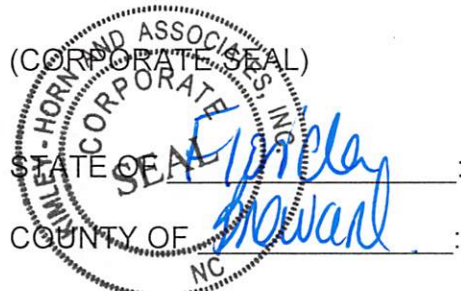
Marissa Maring  
Print Name

[Signature]

Stephen LaBonia  
Print Name

By:

[Signature]  
Gary R. Ratay, P.E., Vice President



The foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization, this on day of March, 2023, by Gary R. Ratay, P.E. as Vice President for Kimley-Horn and Associates, Inc., a North Carolina Corporation authorized to conduct business in the State of Florida.

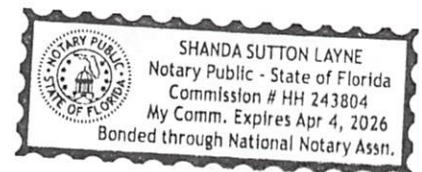
[Signature]

(Signature of Notary Public - State of North Carolina) Florida

Shanda Sutton Layne  
(Print, Type, or Stamp Commissioned Name of Notary Public)

Personally Known ☒ OR Produced Identification ☐

Type of Identification Produced: \_\_\_\_\_



## **EXHIBIT A SCOPE OF SERVICES**

### **3.1 Purpose**

The City is seeking the services of a qualified consulting firm(s) to provide Professional Services related to a continuing contract for Civil Engineering consultant services. The following is a list of services that may be required on an as-needed basis as requested by the City which will be authorized by individual Task Orders for individual projects. This list shall not be construed as an exclusive list of activities that successful firm(s) may be engaged in. City shall have the right, in its sole and absolute discretion, to require additional services that are consistent with the scope of services and those activities typically performed by architects, engineers, and surveyors pursuant to Section 287.055 Florida Statutes, and for which the firm(s) are experience, qualified, and able to perform.

### **3.2 Scope of Services**

The City is seeking statements of qualifications from capable and qualified engineering firms in response to this RFQ for the purpose of providing Civil Engineering Consultant Services for a variety of unspecified projects through a continuing services contract. Associated services typically required for complete public works projects are expected to be fulfilled by the selected firms. Multiple firms will be selected for this continuing services agreement. The City encourages small firms (based upon the U.S. Small Business Administration size standards requirements) as well as large firms and Minority Business Enterprises to submit qualifications.

The selected firms will assist with the design and implementation of municipal engineering projects. It is the intent of the City to use the selected consultants on an as-needed basis. The specific scope of work and fee schedule for each work will be individually agreed upon by the City and the consultant. The selected consultants must be able to provide all the services required of any civil engineering project and associated planning services through its own staff or subconsultants. The City reserves the right to award specific types of projects to firms with greater documented experience in the needed engineering specialty.

### **3.3 Tasks**

The scope of services to be provided by the Consultant in the functional areas listed above shall include, but not be limited to, the following:

- a) Prepare engineering designs, calculations, plans and specifications, contract bid documents, and cost estimates, within the functional areas of interest listed in this solicitation.
- b) Prepare base maps, preliminary layouts, estimates of probable costs, engineering analysis and alternatives as requested.
- c) Submit construction documents as needed to the City and other required agencies having an interest or jurisdiction over the project.
- d) Review, analyze, and provide recommendations to utility budgets and capital improvement plans.
- e) Provide updates on changes or proposed changes to laws/regulations that may impact City's water resources and supply, treatment, distribution and storage, wastewater collection and treatment.
- f) Update of the large user's replacement and renewal funding for the wastewater treatment plant.
- g) Update of the Capacity Analysis Report for the wastewater treatment plant.



## **EXHIBIT A SCOPE OF SERVICES**

- h) Perform flood routing software modelling.
- i) Prepare feasibility and conceptual planning documents.
- j) Provide research, attendance at meetings, and preparation of presentation materials, reports and correspondence.
- k) Prepare and/or assist with the preparation of grant applications and attendance at meetings with grant officials.
- l) Provide public education/notification assistance.
- m) Prepare short and long term planning documents, master plans, or provide input to the City's master plans, capital improvement program, and maintenance needs.
- n) Participate in construction administration as required by the City.
- o) Prepare formal or informal feasibility studies as necessary to assist the City in responding capital improvement needs.
- p) Analysis of existing infrastructure and available capacity to serve proposed capital improvement projects.
- q) Prepare legal descriptions, exhibits, and surveys.
- r) Provide expert witness testimony.
- s) Prepare appropriate permitting documents and obtain and/or assist the City in obtaining permits from applicable agencies.
- t) Represent the City with regulatory agencies.
- u) Prepare periodic project status reports.
- v) Prepare and furnish bidding documents and assist the City in the preparation of other related documents.
- w) Attend bid openings, prepare bid tabulation sheets, and assist the City in the evaluation of bids or proposals.
- x) Issue addenda as appropriate to clarify, correct, or change the bidding documents.
- y) Participate in pre-construction conference as requested by the City.
- z) Review and determine acceptability of construction submittals, including shop drawings, progress schedule, schedule of values, etc.
- aa) Review and provide recommendations to request for information, request for changes, and claims to the City arising during construction activities.
- bb) Make periodic construction site visits for the purpose of determining general compliance with the approved drawings, plans, and specifications as requested by the City.
- cc) Review as-built drawings provided by the construction contractor and provide written comments to the City.
- dd) Provide project management services and act as an extension of the City's project management staff for the design, bidding, and construction management of municipal projects.

The consultant or its subconsultants shall be familiar with different agency's permitting regulations and requirements and the City's design criteria, standards and specifications.

### **3.4 Deliverables**

The City intends to contract with multiple firms. The total amount of compensation will be negotiated with the selected consultant. No minimum amount of work or compensation will

## **EXHIBIT A SCOPE OF SERVICES**

be assured to the retained consultant(s). All work products becomes the property of the City. The City reserves the right to re-use the work products of the retained consultant and to retain other consultants to provide the same or similar services at its sole discretion.

### **3.5 Schedule**

Consultant recognizes that **TIME IS OF THE ESSENCE**. The Work on each Task Order shall commence immediately upon the Consultant's receipt of an executed Task Order.

### **3.6 Background**

Incorporated on March 27, 1911, encompassing more than 33 square miles with a population of 176,000, Fort Lauderdale is the largest of Broward County's 31 municipalities and the eighth largest city in Florida. The City covers approximately 23,000 acres of highly urbanized neighborhoods, with much of its costal area land area lying within the flood plain. The City is composed of several individual watershed areas ranging in size from 2,000 to 11,000 acres with low-lying topography and intersected by numerous canals and rivers.

### **3.7 Water Supply**

The City of Fort Lauderdale obtains water from the Biscayne Aquifer via two (2) Well Fields. The Prospect Well Field supplies Fiveash Water Treatment Plant and the Peele Dixie Well Field supplies the Peele Dixie Membrane Plant.

### **3.8 Water Treatment**

The City of Fort Lauderdale has two (2) Water Treatment Plants. The Fiveash Plant is a lime-softening plant that treats an average of 36 MGD and the Peele Dixie Plant is a nano-filtration plant that treats an average of 6 MGD.

### **3.9 Water Distribution**

The City of Fort Lauderdale has approximately 780 miles of water mains, 16,000 valves, 5,500 fire hydrants, six (6) ground storage tanks, and one (1) elevated storage tank in the Water Distribution System. In addition, the City provides water for other municipalities in Broward County.

### **3.10 Storm Water and Wastewater Collection and Storage**

The City of Fort Lauderdale operates and maintains a 330 mile wastewater collection system and a 127 mile storm water collection system serving 57,000 accounts within Fort Lauderdale, as well as several adjacent large user cities.

### **3.11 Wastewater Treatment**

The City of Fort Lauderdale operates a regional wastewater treatment plant (G. T. Lohmeyer) with a design treatment capability of 55.7 MGD serving Fort Lauderdale and other adjacent municipalities throughout Broward County.

### **3.12 Effluent Disposal**

The City of Fort Lauderdale operates a deep well injection site consisting of five (5) wells for effluent disposal where effluent is pumped to approximately 3,500 feet below ground.

### **3.13 Functional Areas of Interest**

The consultant shall identify in its response to this RFQ the functional areas for which it particularly wishes to specialize. Multiple firms will be selected, and multiple firms may be selected for more than one (1) functional area.

## **EXHIBIT A SCOPE OF SERVICES**

- a) Water and wastewater engineering (specifically pipeline and lift-station design)
- b) Stormwater engineering
- c) Transportation engineering
- d) Structural engineering (specifically seawall, dock, and bridge design)
- e) Environmental engineering
- f) Surveying and mapping services
- g) Photogrammetry and remote sensing
- h) Geotechnical engineering
- i) Coastal engineering
- j) Water resources engineering
- k) Hydrology and hydraulic engineering
- l) Mechanical engineering
- m) Construction engineering and inspection

The consultant and /or its sub consultants shall be familiar with different agency's permitting regulations and requirements and the City's design criteria, standards and specifications.

### **3.14 Quality Assurance/Quality Control**

It is the intention of the City that the design consultant is held responsible for the quality control (QC) of their work and of its sub-consultants. All sub-consultant documents and submittals shall be submitted directly to the consultant for their independent QC review. The City shall only accept submittals for review and action from the consultant.

The consultant is responsible for the professional quality, technical accuracy and coordination of all pre-design services, designs, drawings, specifications, cost estimates and other services furnished by the consultant and their sub-consultants. It is the consultant's responsibility to independently and continually QC their plans, specifications, and all other project deliverables. Upon City request, the consultant shall provide the City with a marked up set of plans and specifications showing the consultant's QC review. The mark-ups submittals shall include the names of the consultant's staff that performed the QC review for each component or functional area (e.g., structures, roadway, drainage, etc.).

### **3.15 Document Submittal Format**

All documents generated as a result of projects will become the property of the City of Fort Lauderdale. All projects documents shall be provided in a digital and hard copy format meeting all City of Fort Lauderdale format requirements. The project drawings shall be prepared in AutoCAD, in the version current to the City Engineering Division at the time that deliverables are due, and shall meet the requirements as set forth in the City's CADD specifications for project drawings current at the time of award of the project. Plot files shall also be prepared and submitted which meet the stated City standards.

**EXHIBIT "B"**  
**BILLING RATES**

**RFQ 12637-421 Civil Engineer (CCNA)**  
**Hourly Billing Rates for Task Orders**  
**Kimley-Horn and Associates, Inc.**

<b>Classification</b>	<b>Hourly Rates</b>
<b>PRIME CONSULTANT - KIMLEY-HORN AND ASSOCIATES, INC.</b>	
<b>Civil Engineering Services</b>	
Principal Engineer	\$285
Senior Supervising Engineer	\$260
Senior Engineer	\$225
Project Engineer	\$180
Principal Designer	\$180
CADD Designer	\$120
<b>Landscape Architecture and Planning Services</b>	
Principal Landscape Architect / Principal Planner	\$250
Senior Landscape Architect/Planner	\$220
Landscape Architect/Planner	\$195
<b>Construction Administration Services</b>	
Director of Construction Management	\$200
Senior Field Representative	\$190
Field Representative	\$147
<b>Miscellaneous</b>	
Communications/Public Outreach Manager	\$170
Communications/Public Outreach Assistant	\$150
Grant Manager	\$150
Clerical	\$85
<b>SUBCONSULTANT - AVIROM AND ASSOCIATES</b>	
<b>Land Surveying &amp; Mapping Services</b>	
Principal Surveyor	\$200
Professional Land Surveyor	\$150
Project Surveyor	\$140
Survey CADD / GIS Tech	\$100
Survey Field Crew (1-Man Crew)	N/A
Survey Field Crew (2-Man Crew)	\$150
Survey Field Crew (3-Man Crew)	\$210
Survey Crew with Laser Scan (3-Man Crew)	\$300

**RFQ 12637-421 Civil Engineer (CCNA)**  
**Hourly Billing Rates for Task Orders**  
**Kimley-Horn and Associates, Inc.**

<b>SUBCONSULTANT - BAILEY ENGINEERING CONSULTANTS, INC.</b>	
<b>Electrical/Instrumentation &amp; Control/SCADA</b>	
Principal	\$240
Senior Electrical Engineer	\$168
Electrical Engineer	\$135
CADD Technician	\$120
Field Superintendent	\$120
Designer	\$120
Clerical/Admin	\$76

<b>SUBCONSULTANT - INFRAMAP CORP.</b>	
<b>Subsurface Utility Exploration (SUE) Services</b>	
Project Manager/PE/PLS	\$160
Utility Location Manager/Party Chief	\$130
CADD/Computer Technician	\$75
Technical Locator/Instrument Operator	\$60
Secretary/Clerical	\$40
<b>SUE Field Services</b>	
One (1) Utility Test Hole 0-6' Per Test Hole	\$800
Two (2) Utility Test Holes 0-6' Per Test Hole	\$600
Three (3) or More Utility Test Holes 0-6' Per Test Hole	\$400
Excess Depth Over 6' Per Foot	\$90
Traffic Control – Arrow Board Per Day	\$70

<b>SUBCONSULTANT - METCO</b>	
<b>Mechanical/HVAC</b>	
Principal	\$235
Senior Mechanical Engineer	\$178
Mechanical Engineer	\$147
Electrical Engineer	\$134
Designer/CAD	\$110
Clerical/Admin	\$60

**RFQ 12637-421 Civil Engineer (CCNA)**  
**Hourly Billing Rates for Task Orders**  
**Kimley-Horn and Associates, Inc.**

<b>SUBCONSULTANT - TIERRA SOUTH FLORIDA, INC.</b>	
<b>Geotechnical Services</b>	
Project Manager	\$225
Principal Engineer	\$200
Senior Engineer	\$175
Project Engineer	\$150
Threshold Engineer	\$165
Inspector/Technician	\$95
Draftsman/CADD Technician	\$95
<b>Field Testing Services</b>	
<b>Standard Penetration Test Borings (ATSM D-1586), Truck Rig or Mud Bug Rig</b>	
0 - 50 Foot Depth Interval Per Foot	\$14
51 - 100 Foot Depth Interval Per Foot	\$16
101 - 150 Foot Depth Interval Per Foot	\$19
<b>Auger Borings (Drill Rig – ASTM 4700)</b>	
0 - 50 Foot Depth Interval Per Foot	\$11
51 - 100 Foot Depth Interval Per Foot	\$13
<b>Undisturbed Samples (Shelby Tubes)</b>	
0 - 50 Foot Depth Interval Per Foot	\$105
51 - 100 Foot Depth Interval Per Foot	\$130
<b>Temporary Casing (3-inch casing)</b>	
0-50 Foot Depth Interval Per Foot	\$7
51 - 100 Foot Depth Interval Per Foot	\$9
101 - 150 Foot Depth Interval Per Foot	\$12
<b>Grout Boreholes</b>	
Truck/Mud Bug 0-50 Foot Depth Interval Per Foot	\$6
51-100 Foot Depth Interval Per Foot	\$9
100-150 Foot Depth Interval Per Foot	\$12
<b>Muck Probing</b>	
2-Man Crew Per Hour	\$150
3-Man Crew Per Hour	\$225
Permeability/Percolations Tests – Field (SFWMD Usual Open Hole Method) Each	\$400
Rock Coring (0 to 50 Foot Depth Interval - Truck Mounted) Per Foot	\$45
Rock Coring (51 to 100 Foot Depth Interval - Truck Mounted) Per Foot	\$55
<b>Temporary Casing (6-inch casing)</b>	
0 to 50 Foot Depth Interval Per Foot	\$13
51 to 100 Foot Depth Interval Per Foot	\$15
Pavement Cores, Asphalt Each	\$200
Extra Split Spoons (0 to 50 Foot Depth Interval - truck mounted) Per Foot	\$30
Extra Split Spoons (51 to 100 Foot Depth Interval - truck mounted) Per Foot	\$35
MOT Setup	\$1,500

**RFQ 12637-421 Civil Engineer (CCNA)**  
**Hourly Billing Rates for Task Orders**  
**Kimley-Horn and Associates, Inc.**

<b>Laboratory Testing</b>	
Standard Proctors Per Test	\$135
Modified Proctors Per Test	\$135
Limerock Bearing Ratio Test	\$300
Atterberg Limit Test	\$85
Carbonate Content Test	\$75
Organic Content Test	\$50
Natural Sample Moisture Content Per Test	\$20
LA Abrasion Per Test	\$275
Permeability Tests (Laboratory Test)	\$300
Sieve Analysis (Complete) (ASTM D 6913) Per Test	\$85
Sieve Analysis (-200 only) (ASTM D 1140) Per Test	\$45
Hydrometer Analysis (does not include +200 sieve analysis) (ASTM D 422) Per Test	\$150
Corrosion Series (pH, Sulphates, Chloride, Resistivity) (FDOT) Per Test	\$195
Soil Resistivity (ASTM G-187) Per Test	\$80
Specific Gravity (ASTM D 854) Per Test	\$70
Unit Weight Determination (ASTM D 2937 and D 2216) Per Test	\$65
Calcium Carbonate of Aggregates (ASTM D 3042) Per Test	\$65
Consolidation Tests (ASTM D-2435) up to 12 load increments	\$500
Consolidation Test, additional load increment	\$90
Unconfined Compression Test (rock) (ASTM D 7012) Per Test	\$150
Splitting Tensile Test (rock) (ASTM D 3967)	\$150
Triaxial Test - Unconsolidated-Undrained (UU) (ASTM D 2850)	\$350
Triaxial Test - Consolidated - Undrained (CU) (ASTM D 4767)	\$400
Triaxial Test - Consolidated - Drained (CD) (USACE)	\$400
Preparation of samples for consolidation, permeability or strength tests Per Test	\$100
<b>Drilling Equipment Mobilization/Demobilization</b>	
Truck - Mounted Rig Each	\$400
Mudbug/Track Rig Each	\$1,200
Amphibious / Barge (mounted equipment) Per Day	\$9,500
Support Truck Per Day	\$200



## Certificate of Secretary

To Whom It May Concern:

I am the duly qualified and acting Secretary of Kimley-Horn and Associates, Inc., a North Carolina Corporation.

The following is a true copy of a resolution duly adopted by the Board of Directors of the corporation at the Board meeting held on December 15, 2022 and entered in the minutes of such meeting in the minute book of the corporation.

"The Board unanimously approved the contract signing authority of employees as presented."  
(Copies of the employee lists as presented are enclosed.)

The resolution is in conformity with the articles of incorporation and bylaws of the corporation, has never been modified or repealed, and is now in full force and effect.

Dated:

A handwritten signature in blue ink, appearing to read "Richard N. Cook", written over a horizontal line.

Richard N. Cook, Secretary

(corporate seal)





**Kimley-Horn and Associates, Inc.**  
**FULL CONTRACT SIGNING AUTHORITY**  
**December 15, 2022**

The following individuals have authority to sign both standard and non-standard agreements directly related to serving clients ("Project Agreements"). Project Agreements include client contracts, subcontracts, project-specific vendor agreements, IPO's, contract amendments, non-disclosure agreements, teaming agreements, project-specific equipment and facility rental agreements for specific projects, and certifications related to proposals. This document does not grant authorization to sign other types of contracts or legal documents not directly related to client service such as office leases, software purchase or license agreements, tax returns, purchase agreements for supplies, or agreements to procure accounting, legal, recruiting, or similar services.

**ATLANTIC**

**BALTIMORE CITY**

Falk, Katherine W.  
Kraft, Jonathan H.

**BALTIMORE COUNTY**

Leffner, Nicholas J.  
Hutton, Heather

**BOSTON**

Keegan, Katherine A.

**HARRISBURG**

Bankert, Larry I.  
McGinley, Steve M.

**NEWPORT NEWS**

Collins, Carroll E.

**NORTHERN VIRGINIA**

Byrd, Michael N.  
Carter, Erica V.  
Elman, Paul D.  
Giffin, Geoffrey D.  
Kauppila, John L.  
Koopman, Jennifer R.  
Lefton, Steven E.  
Martin, Robert J.  
Murphy, Erin M.  
Musson, David B.  
Prunty, Robert W.  
Sauro, Thomas J.  
Schrader, Carly N.  
Stevens, Ross S.  
Teague, M. Zach  
Whyte, Richard D.

**PHILADELPHIA  
CENTER CITY**

Harmon, Amanda R.  
Hughes, Paul W.

**PITTSBURGH**

Beaves, Adele M.

**PRINCETON**

Diggan, Tony W.  
Gibson, Adam T.

**RICHMOND**

Chance, Maxwell P.  
Heustess, Aaron M.  
Hill, Corey  
Lickliter, Ashley C.

McCray, Danielle R.  
McPeters, Brian A.  
Perkins, Ryan R.  
White, Timothy E.

**VIRGINIA BEACH**

Chambers, Jon S.  
Crum, Katie E.  
Davidson, Scott O.  
Farthing, Andrew P.  
France, William D.  
Holland, Kimberly R.  
Holland, Stephen R.  
Jucksch, Rebecca R.  
Mackey, William F.  
Marscheider, Edward A.  
Mertig, Karl E.  
Miller Edward W.  
Moser, Emily A.  
Niss, Robyn M.  
Royal, Jack R.  
Votava Charles F.  
Williams, Kyle D.

**WHITE PLAINS**

Canning, Thomas J.  
Van Hise, Kevin

**CALIFORNIA**

**LOS ANGELES**

Blume, Robert D.  
Chakravarthy, Srikanth  
Fares, Jean B.  
Kyle, Gregory S  
Phaneuf, Alyssa S.  
Ranta, Shahrzad

**OAKLAND**

Akwabi, Kwasi  
Colety, Mike D.  
Dankberg, Adam J.

**ORANGE**

Adrian, Darren J.  
Glaze, Jacob S.  
Kerry, Nicole M.  
Matson, Jason B.  
Marechal, Jason A.  
Melchor, Jason J.  
Melvin, M. Pearse  
Phillips, Chad E.

**PLEASANTON**

Durrenberger, Randal R.

Johnson, Miles R.  
Mehta, Parag G.  
Mowery, Michael C.  
Sowers, Brian E.

**RIVERSIDE**

Cowan, Eugene D.  
Pollock, John A.

**SACRAMENTO**

Melvin, Enda  
Pittalwala, Fareed S.  
Tait, Zachary T.  
Weir, Matthew D.

**SAN DIEGO**

Barlow, Matthew T.  
Becker, Justin S.  
Harry, Jennifer L.  
Kaltsas, Joseph D.  
Landaal, Dennis J.  
Madsen, Michael P.  
McCormick, Matthew B.  
McWhorter, Samuel L.  
Podegracz, Anthony J.  
Ullery, Megan R.

**SAN JOSE**

Hedayat, Leyla  
Meyerhofer, Peter N.  
Venter Frederik J.

**CAROLINAS**

**CHARLESTON**

Guy, Jonathan R.

**CHARLOTTE**

Blakley, Jr., Stephen W.  
Edwards, Matthew A.  
Lewis, Ryan T.  
Pattison, Paul G.  
Taylor, Benjamin S.

**COLUMBIA**

Iser, Christopher M.

**DURHAM DOWNTOWN**

Lewellyn, Earl R.

**FORT MILL**

Holcomb, John E.

**RALEIGH**

Adams, Richard C.

Barber, Barry L.  
Beck, Chadwick W.  
Brewer, Brian J.  
Cochran, Adam P.  
Cook, Richard N.  
Deans, Neil T.  
Denney, Seth A.  
Keil, Ashley R.  
Flanagan, Tammy L.  
Kuzenski, John  
Meador, Emily H.  
Thompson, Erin K.

**FLORIDA**

**BOCA-DELRAY**

Spruce, Michael D.  
Webber, Jason A.

**FORT LAUDERDALE**

Alam, Mudassar M.  
Capelli, Jill A.  
Falce, Christopher T.  
McWilliams, John J.  
Ratay, Gary R.  
Robertson, Stewart E.  
Viola, Stefano F.

**FORT MYERS**

Bryant, M. Lewis  
Clark, Kellie R.  
Wicks, Amy N.

**GAINESVILLE**

Towne, Christopher

**JACKSONVILLE**

Brenny, Martin T.  
Mecca, Joseph P.  
Mullis, Raiford M.  
Roland, George E.  
Shelton, Mark W.

**LAKELAND**

Lewis, Jason A.  
Wilson, Mark E.  
White, Wayne E.

**MELBOURNE**

Husainy, Kinan F.

**MIAMI**

Almonte, Leonte I.  
Baldo, Burt L.  
Buchler, Aaron E.

Collier, Julio A.  
Fernandez, Jorge L.  
Fye, Barton J.

**OCALA**

Busche, Richard V.  
Gartner, Amber L.  
Losito, Gene B.

**ORLANDO**

Chau, Hao T.  
Lenzen, Brent A.  
Littrell, Lance R.  
Martin, Jonathan A.  
Mingonet, Milton S.  
Stickler, Brooks A.  
Thigpen, Jonathan D.  
Wetherell, Ryan S.

**SARASOTA**

Klepper, B. Kelley  
Nadeau, Gary J.  
Pankonin, James R.  
Schmid, Seth E.

**ST. PETERSBURG**

Dodge, Dawn M.  
Walker, Jordan W.

**TALLAHASSEE**

Barr, Richard R.  
DeVeau, Zachariah A.

**TAMPA**

Bulloch, Kelly B.  
Gilner, Scott W.  
Lee, Nathan Q.

**VERO BEACH**

Good, Brian A.  
Lawson, Jacob B.  
Roberson, Kevin M.  
Thomas, Melibe S.  
Van Rens, Peter J.  
WEST PALM BEACH  
Heggen, Christopher W.  
Lee, Jason R.  
Mufleh, Marwan H.  
Rapp, Bryan T.  
Schanen, Kevin M.  
Schwartz, Michael F.  
Sumislaski, James M.

**Kimley-Horn and Associates, Inc.**  
**FULL CONTRACT SIGNING AUTHORITY**  
**December 15, 2022**

Tercilla, Lindsey A.  
Walthall, David W.

**MID-WEST**

CHICAGO DOWNTOWN  
Dvorak, Jr., William E.  
Lemmon, Peter C.  
Marnell, Colleen L.  
Morton, Jr., Arthur J.

CHICAGO NORTH SUBURBS  
Cooper, Jason C.  
Tracy, Eric J.  
West, Craig L

CHICAGO WEST SUBURBS  
Fancier-Splitt, Rory K.  
Heinen, Andrew N.  
Kaufman, Phil R.  
Walker, Michaela E.  
Walker, William A.

COLUMBUS  
Muller, Justin M.  
Schall, Andrew J.

INDIANAPOLIS  
Butz, Jr., William A.  
Sheward, Bryan A.

KANSAS CITY  
Kist, Matthew D.

NORTHEAST OHIO  
Clements, Kevin J.

TWIN CITIES  
Bishop, Mark C.  
Coyle, Daniel J.  
Elegert, Brandon R.  
Hume, Robert M.  
Leverett, Christopher C.  
Matzek, William D.  
Schmitz, William J.  
Bourdon, Brandon J.  
Fosmo, Eric J.  
Jensen, Matthew D.  
Wall, Lisa M.  
Zimmerman, David

TWIN CITIES- WEST  
Kuhnau, JoNette L.  
Wurdeman, Brian M.

**MOUNTAIN**

ASPEN  
Christensen, Bryce E.

BOISE  
McDougald, Brandon D.  
Nicholson, Tim P

COLORADO SPRINGS  
Gunderson, Eric J.  
Heiberger, John R.

DENVER  
Andryscik, Kory J.  
Colvin, Scott W.  
Krell, Gabriel M.  
Phelps, Randall J.  
Rowe, Curtis D.  
Salvagio, Robin  
Skeehan, Daniel L.  
Sobieski, Dennis  
Turner, Meaghan M.  
Valentine, Brian W.  
Wilhelm, William R.

EVERETT  
Reeverts, Canaan H.

LAS VEGAS  
Ackeret, Kenneth W.  
Ahartz, Shannon R.  
Colety, Michael D.  
Jones, Christopher R.  
Moles, Richard A.  
Wolf, Treasea

MESA  
Burm, Jason M.  
Grandy, Michael L.  
Margetts, Sterling T.  
Mutti, Brent H.  
Walnum, Nathan C.

PHOENIX  
Connelly, Alissa J.  
Ehrick, Taylor R.  
Henderson, Benjamin J.  
Hermann, Michael J.  
Jupp, Andrew M.  
Kimm, Kevin J.  
Kissinger, John C.  
Leistiko, David J.  
Marella, Damon J.  
Perillo, Adam C.  
Sjogren, Timothy P.  
Smalkoski, Brian R.

PORTLAND  
Belsick, Jody W.

RENO  
Hildebrandt, Timothy H.  
Nasset, Brent J.

SALT LAKE CITY  
Crowther, Brent C.  
Gresham, Teresa R.  
Johnson, Zachary A.  
O'Brien, Molly M.

SEATTLE  
Danielson, Paul B.  
Williams, David S.

TUCSON  
Payne, Kevin W.  
Rhine, Timothy J.

**SOUTH**

ALPHARETTA  
Fanney, Angela L.  
Fanney, Lawson H.  
Hamilton, James R.  
James, Alvin B.  
Shearouse, Sarah  
Stricklin, David L.  
Walker, John D.

ATLANTA  
Ergle, Kevin B.  
Fink, Kenneth L.  
Rushing, Michael L.

ATLANTA MIDTOWN  
Bosman, Eric S.  
Coleman, Sean H.  
Johnston, Sean P.  
Ross, Robert A.  
Triplett, Katherine R.

BIRMINGHAM  
Bailey, Clark B.

MEMPHIS  
Danley, Drake E.  
Minor, Henry W.  
Peregoy, Samuel J.  
Peregoy, Jennifer M.

MOBILE  
Starling, Charles H.

NASHVILLE  
Creasman, Brett R.  
Dufour, Zachary J.  
Espelet, Leonardo E.  
McMaster, Ryan L.  
Rhodes, Christopher D.

SAVANNAH  
Gwaltney, Jamie N.

**TEXAS**

AUSTIN NORTH  
Boecker, Brian C.  
Van Leeuwen, Andrew

AUSTIN SOUTH  
Hudson, Harrison M.  
Mason, Sean R.

BRYAN/COLLEGE STATION  
Lucas, Michael D.

DALLAS  
Galloway, Steven D.  
Gary, Glenn A.  
Hall, James R.  
Harris, Mark E.  
Hoppers, Kevin P.  
Nathan, Aaron W.  
Sulkowski, Nicholas E.  
Williamson, Sarah T.

FORT WORTH  
Arnold, Douglas M.  
Arnold, Scott R.  
Atkins, John R.  
Hill, Bradley J.  
James, Jeffery  
Webb, Floyd C.

FRISCO  
Brignon, Brit A.  
Coppin, Thomas G.  
McCracken, Paul D.  
Dickey, Kyle A.

HOUSTON  
Frysinger, Chris V.  
Guillory, Michael B.  
Rader, Aaron K.  
Schmidt, Scott C.

LAS COLINAS  
Ante, Louis N.

MCKINNEY  
Morales, Hugo

SAN ANTONIO  
Farnsworth, Jeffrey A.  
Holscher, Nicholas F.

THE WOODLANDS  
Freeman, Jr., Steven C.

**Kimley-Horn and Associates, Inc.**  
**STANDARD CONTRACT SIGNING AUTHORITY**  
**December 15, 2022**

These persons have authority to sign contracts using unmodified Kimley-Horn forms (not client-drafted contracts).

**ATLANTIC**

**BALTIMORE CITY**

Miller, Sean T.  
Monaco, Melanie L.  
Smith, Jeff B.

**BALTIMORE COUNTY**

Bishop, Matt A.  
Prosser, Tom

**BOSTON**

Hart, Caycee A.  
Scully, William J.

**NEWPORT NEWS**

Weist, Jamie H.

**NORTHERN VIRGINIA**

Aimone, Keith W.  
Bollinger, Kyle T.  
Freehart, Kyle J.  
Harris, Michael J.  
Howell, Christopher M.  
Knox, Sarah E.  
Millot, Sean M.  
Phillips, Mark R.  
Samba, David B.  
Smith, Andrew T.  
Timothy, Heather R.

**PHILADELPHIA  
CENTER CITY**

Buckley, Steve M.  
Katelhon, Tom  
Lohr, Andrew

**PHILADELPHIA  
SUBURBAN**

Caponigro, Anthony A.

**PITTSBURGH**

Beduhn, Tyler J.  
Dunmire, Dennis S.

**PRINCETON**

Mitsmenn, Ben J.  
Mondoro, Chris A.  
Motiani, Dhanesh N.  
Procanik, Rich

**RICHMOND**

Boyd, Mark R.  
Brooks, Jordan K.  
Dougherty, Sean P.  
Ellington, David B.  
Sciarrino, Sarah A.

**VIRGINIA BEACH**

Benson, Laurence N.  
Dallman, David B.  
Funk, Gerald

Haverly, Grace M.  
Hollingsworth, Taylor  
Wharton, Michelle L.  
Yee, Leong Wee  
Schmitt, Gregory H.  
Sweeney, Lauren E.

**CALIFORNIA**

**LOS ANGELES**

Choi, Michael  
Dias, Nicole M.  
Duong, Danh  
Hewitt, Melissa A.

**OAKLAND**

Aguigui, Kevin G.  
Chang, Elbert K.  
Dole, Ryan J.

**ORANGE**

Beltran, Amelia M.  
Bossu, David M.  
Briggs, Trevor B.  
Elmezain, Othman  
Gaines, Terrence A.  
Smith, Hannah M.  
Starkey, Hunter  
Zuwawa, Ahmed

**PLEASANTON**

Chazbek, Chadi  
Falgout, Mark A.  
Huie, Ben Q.  
Hoac, Anthony G.  
Whaley, Tyler J.

**RIVERSIDE**

Hoffman, Frank  
Sutton, Mike S.  
Thomas, Kevin G.

**SACRAMENTO**

Bhatt, Sheetal K.  
Carley, Daniel C.  
Gregerson, Chris P.  
Paderna, Robert V.

**SAN DIEGO**

Allegoran, Ian B.  
Diorio, Mike A.  
Danecker, Kathryn F.  
Jumanan, Lauren K.  
Kragel, Kyle C.  
Oleskowicz, Nick J.  
Valencia, Jason B.

**SAN JOSE**

Hamilton, Robert J.  
Morgan, Matthew J.  
Roecks, Erica A.

Tanner, Monica R.

**SAN MATEO**

Nelson, Kari K.  
Pulliam, John E.

**CAROLINAS**

**CHARLESTON**

Sutherland, Marianne M.

Warfield, M. Casey

**CHARLOTTE**

Claudio-Diaz, Jason L.  
Holcomb, John E.  
Spacek, Anthony J.  
Watts, Austin L.

**COLUMBIA**

Clamp, Blake A.  
Williamson, Nicholas R.

**DURHAM**

**DOWNTOWN**  
Purvis, Zachary G.  
Raney, Nolan D.

**FORT MILL**

Massey, Amy B.

**GREENVILLE**

Hensley, Alex

**HOLLY SPRINGS**

Brewer, Jordan

**RALEIGH**

Bostic, Christopher O.  
Dale, Jeffery W.  
Fluitt, Jon T.  
Griffin, Josh W.  
Howell, Cory J.  
Markland, Keith R.  
Moore, Jeffrey W.  
Netzer, Lesley E.  
Phillips, Stacie L.  
Robinson, Larry D.

**FLORIDA**

**BOCA-DELRAY**

Haggerty, Jordan L.  
Horning, Joshua D.

**FORT LAUDERDALE**

Balaban, George  
Cordasco, John L.  
Dabkowski, Adrian K.  
Emmons, Erin N.

**FORT MYERS**

Ebrahimi, Sina E.

**GAINESVILLE**

Brighton, Ali H.

**JACKSONVILLE**

Deitsch, Brian S.  
Schilling, William J.  
Krehbiel, Wendy J.

**LAKELAND**

Davies, Mark S.  
Wynn, Jared M.

**MIAMI**

Carreno Jacqueline A.  
Herrera, Alberto P.  
Lizama, Ignacio L.  
Pasken, Kenneth A.

**OCALA**

Ansari, Mohammad A  
Garri, Alan J.  
Hill, Stewart L.  
London, Joseph C.  
Mora, Nick J.

**ORLANDO**

Ashby, Brian S.  
Breton, Ramon F.  
Gallo, Victor H.  
Garau, Michael  
Gillespie, Matthew S.  
Roberts, Heather A.  
Romano, Steve N.  
Stickler, Jennifer J.  
Swisher, Jeff R.  
Taylor, James M.  
Woodward, Mike R.

**PANAMA CITY BEACH**

Brittain, Jeff M.

**SARASOTA**

Cianfaglione, Chris D.  
Conerly, William E.  
Leep, Jordan E.

**ST. PETERSBURG**

Hughes, Shelby N.  
Schneider, Jared R.

**TALLAHASSEE**

Clayton, Brennon M.  
Dempsey, Dwight D.  
Kalbli, Shawn C.  
Lewis, Kelsey V.  
Snipes, Cameron R.

**TAMPA**

Hatton, Christopher C.  
Johnson, Sarah

**VERO BEACH**

Hollen, Chris

**WEST PALM BEACH**

Fairchild, Angelina  
Haigh, Jonathan D.  
Regueiro, Eric  
Johnson, Brett A.  
Kagawa, Ron M.  
Long, Casey  
Long, Jamea M.  
Meyer, Alexis E.  
Ng, Hooi Gin  
Walker, Brady J.

**MIDWEST**

**CHICAGO  
DOWNTOWN**

Mayer, Joseph P.  
Panter, Jake H.  
Whitson, Bryan D.

**CHICAGO NORTH  
SUBURBS**

Duyar, Melissa

**CHICAGO WEST  
SUBURBS**

Albers, Emma J.  
Eschbach, Taylor R.  
Kenyon, Jared J.  
Leary, Derik D.

**COLUMBUS**

Kufahl, Gregory D.  
Reeves, Michael C.

**INDIANAPOLIS**

Timko, Michael J.  
Wolfred, Maurice A.

**KANSAS CITY**

Gallo, Anthony A.  
McKerrow, Jeff D.  
Wysong, Tyler A.

**TWIN CITIES**

Catchpool, Alan L.  
Moren, Luke B.  
Phipps, Ryan A.  
Robinson, Gregory W.  
Sieh, Patricia D.  
Tadt, Eric J.

**TWIN CITIES- WEST**

Manning, Jon T.  
Koller, Andrea P.

Kimley-Horn and Associates, Inc.  
STANDARD CONTRACT SIGNING AUTHORITY  
December 15, 2022

These persons have authority to sign contracts using unmodified Kimley-Horn forms (not client-drafted contracts).

Sieh, Patricia D.

**MOUNTAIN**

BOISE

Bard, Teller R.

BROOMFIELD

Pratt, Anthony J.

COLORADO SPRINGS

Hess, Mitchell O.

DENVER

Griffin, Erin L.  
Hopkins, Christopher E.  
Watson, Kyle E.

EVERETT

Koltonowski, Ed  
Martin, Deanna

FORT COLLINS

Felton, Emily P.

LAS VEGAS

Ackeret, Thomas E.  
Moore, Devin V.  
Mosley, Michael S.  
Wakenhut, Jonathan R.

MESA

Bearat, Lina H.  
Garinger, Amy M.  
Haase, Deanna C.  
Wright, Bryan M.

PHOENIX

Artiles, Arnoldo A.  
Burgess, Lisa M.  
Christian, Rajesh S.  
Colombo, Michael A.  
Delmarter, Michael L.  
Haney, Stephen E.  
Jones, Traver M.  
Schmidt, Zachary R.  
Thoma, Jayme R.  
Whitehurst, Eric A.  
Woolery, Christopher

PORTLAND

Baxter, Donald J.

SALT LAKE CITY

Herrick, Christine N.  
Morton, Leslie  
Risano, Amanda J.  
Williams, Nicole M.

SEATTLE

Kamerath, Marcy

TUCSON

Field, Rebeca V.

UTAH COUNTY

Bick, Christopher P.

**SOUTH**

ALPHARETTA

Clark, Logan D.  
Landry, Troy M.  
Edmonson, William C.  
Rubenstein, Marcus A.  
West, Brian B.  
Zittrauer, Derek M.

ATLANTA

Horbal, Bradley L.

ATLANTA MIDTOWN

Elsey, Jeffrey B.  
Manners, Jason R.  
Pastore, Cristina C.  
Skinner, Shannon  
Triplett, Katherine R.

BIRMINGHAM

Johnson, Elizabeth H.

FRANKLIN

McGowan, Mary G.

MEMPHIS

Mays, James D.  
Monroe, Kenneth W.

NASHVILLE

Boles, Brendan J.  
Krebs, Meridith C.  
Neal, Philip H.  
Eley, Alisha R.

**TEXAS**

AUSTIN NORTH

Neal, Trey A.  
Fowler, Thomas M.  
Kiewit, Jordan S.  
Parker, Brian J.  
Smith, Robert J.

AUSTIN SOUTH

Shoppa, Dwayne M.  
Pheiffer, Sam T.

BRYAN/COLLEGE  
STATION

Harris, Joseph C.

DALLAS

Dolian, Jeffrey  
Henrichs, Tyler B.  
Kaiser, Jason M.  
Lucas, Matthew A.  
Meza, Sarah M.  
Moss, Bradley J.  
Ploetzner, Jamie  
Samarripas, Anthony M.  
Scott, Sarah E.

CELINA

Hensley, Todd A.  
Malan, Craig M.  
Murphree, Brent L.

FORT WORTH

Brewer, Cody R.  
Igo, Chris P.

FRISCO

Fletcher, Thomas L.  
Kennedy, Russell L.  
Ross, Casey J.

GEORGETOWN

Helton, Austin S.

HOUSTON

Allsop, Benjamin C.  
Cargill, Kenneth W.  
Frysinger, Ashley M.  
Kelly, Stephen J.  
Kirkland, Mark R.

LAS COLINAS

Delmotte, Ryan M.  
Fraccaro, Joseph A.

MCKINNEY

Riccardi, Joseph C.  
Strouse, Todd L.

PEARLAND

Deshpande, Vivek

RICHARDSON

Kerby, Jonathan C.  
New, Nathan C.

SAN ANTONIO

Avery, Amy E.  
Cox, B. Matthew  
Underwood, Richard J.

THE WOODLANDS

Lewis, Tyler W.

OKLAHOMA CITY

Cooksey, Steven R.  
Schmidt, Luke A.



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## Detail by Entity Name

Foreign Profit Corporation

**KIMLEY-HORN AND ASSOCIATES, INC.**

### Filing Information

**Document Number** 821359  
**FEI/EIN Number** 56-0885615  
**Date Filed** 04/24/1968  
**State** NC  
**Status** ACTIVE

### Principal Address

421 Fayetteville Street  
Suite 600  
Raleigh, NC 27601

Changed: 04/24/2021

### Mailing Address

421 Fayetteville Street  
Suite 600  
Raleigh, NC 27601

Changed: 04/24/2021

### Registered Agent Name & Address

CT CORPORATION SYSTEM  
1200 SOUTH PINE ISLAND ROAD  
PLANTATION, FL 33324

Name Changed: 05/14/2008

Address Changed: 01/24/2017

### Officer/Director Detail

#### **Name & Address**

Title Director

Good, Brian A.  
421 Fayetteville Street  
Suite 600  
Raleigh, NC 27601

## Title Director

Colvin, Scott W.  
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Suite 600  
Raleigh, NC 27601

## Title Director

Dvorak, William E., Jr.  
111 West Jackson Blvd.  
Suite 1320  
Chicago, IL 60604

## Title Director

Mutti, Brent H.  
7740 N 16th Street  
Suite 300  
Phoenix, AZ 85020

## Title VP

McEntee, David L.  
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Suite 600  
Raleigh, NC 27601

## Title Treasurer

McEntee, David L.  
421 Fayetteville Street  
Suite 600  
Raleigh, NC 27601

## Title Assistant Secretary

McEntee, David L.  
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Suite 600  
Raleigh, NC 27601

## Title President

Lefton, Steven E.  
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Suite 600  
Raleigh, NC 27601

## Title CEO



Lefton, Steven E.  
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Suite 600  
Raleigh, NC 27601

Title Senior VP

Flanagan, Tammy L.  
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Suite 600  
Raleigh, NC 27601

Title CFO

Flanagan, Tammy L.  
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Suite 600  
Raleigh, NC 27601

Title Director

Danielson, Paul B.  
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Suite 600  
Raleigh, NC 27601

Title Senior Vice President

Cook, Richard N.  
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Suite 600  
Raleigh, NC 27601

Title Secretary

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Suite 600  
Raleigh, NC 27601

Title Director

Blakley, Stephen W.  
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Suite 600  
Raleigh, NC 27601

Title Director

Montanye, Emmeline F.  
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NW, Suite 601

Atlanta, GA 30308

Title Director

Lefton, Steven E.  
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Suite 600  
Raleigh, NC 27601

Title Director

Barber, Barry L.  
421 Fayetteville Street  
Suite 600  
Raleigh, NC 27601

Title Senior Vice President

Harry, Jennifer L.  
401 B Street  
Suite 600  
San Diego, CA 92101

Title Director

Kaltsas, Joseph D  
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San Diego, CA 92101

#### Annual Reports

Report Year	Filed Date
2021	04/24/2021
2022	02/10/2022
2023	02/22/2023

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ACORD™

## CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

3/28/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer any rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> <b>Edgewood Partners Ins. Center</b> <b>3780 Mansell Rd. Suite 370</b> <b>Alpharetta, GA 30022</b>	<b>CONTACT NAME:</b> Jerry Noyola <b>PHONE (A/C, No, Ext):</b> 770-220-7699 <b>FAX (A/C, No):</b> <b>E-MAIL ADDRESS:</b> greylingcerts@greyling.com														
<b>INSURED</b> <b>Kimley-Horn and Associates, Inc.</b> <b>421 Fayetteville Street, Suite 600</b> <b>Raleigh, NC 27601</b>	<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A: National Union Fire Ins Co of Pittsburg</td> <td>19445</td> </tr> <tr> <td>INSURER B: Allied World Assurance Co (U.S.) Inc.</td> <td>19489</td> </tr> <tr> <td>INSURER C: New Hampshire Insurance Company</td> <td>23841</td> </tr> <tr> <td>INSURER D: Lloyd's of London</td> <td>085202</td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </tbody> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: National Union Fire Ins Co of Pittsburg	19445	INSURER B: Allied World Assurance Co (U.S.) Inc.	19489	INSURER C: New Hampshire Insurance Company	23841	INSURER D: Lloyd's of London	085202	INSURER E:		INSURER F:	
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INSURER D: Lloyd's of London	085202														
INSURER E:															
INSURER F:															

## COVERAGES

CERTIFICATE NUMBER: 23-24

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.


INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liab GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC OTHER:		GL5268169	04/01/2023	04/01/2024	EACH OCCURRENCE \$2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$1,000,000 MED EXP (Any one person) \$25,000 PERSONAL & ADV INJURY \$2,000,000 GENERAL AGGREGATE \$4,000,000 PRODUCTS - COMP/OP AGG \$4,000,000 \$
A	AUTOMOBILE LIABILITY		CA4489663 (AOS)	04/01/2023	04/01/2024	COMBINED SINGLE LIMIT (Ea accident) \$2,000,000
A	<input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY		CA2970071 (MA)	04/01/2023	04/01/2024	BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$10,000		03127930	04/01/2023	04/01/2024	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY		WC015893685 (AOS)	04/01/2023	04/01/2024	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
C	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A	WC015893686 (CA)	04/01/2023	04/01/2024	
D	Professional Liab		B0146LDUSA2304949	04/01/2023	04/01/2024	Per Claim \$2,000,000 Aggregate \$2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Re: Civil Engineering Services - RFQ #12637-421; Gary Ratay. The City, City's officers, employees & volunteers are named as Additional Insureds with respects to General Liability where required by written contract. Waiver of Subrogation in favor of Additional Insured(s) where required by written contract & allowed by law. The above referenced liability policies with the exception of workers compensation and professional liability are primary & non-contributory where required by written contract. Should any of the (See Attached Descriptions)

## CERTIFICATE HOLDER

## CANCELLATION

<b>City of Fort Lauderdale</b> <b>Procurement Services Division</b> <b>100 N. Andrews Avenue, Room 619</b> <b>Fort Lauderdale, FL 33301-0000</b>	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
---	--

## DESCRIPTIONS (Continued from Page 1)

above described policies be cancelled by the issuing insurer before the expiration date thereof, 30 days' written notice (except 10 days for nonpayment of premium) will be provided to the Certificate Holder.



# City of Fort Lauderdale

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# Civil Engineering

# Continuing Services Contract

RFQ #12637-421



Prepared by:  
**Kimley»Horn**



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## Cover Letter

March 28, 2022

Mary Kleinpeter-Zamora  
Procurement Administrator  
City of Fort Lauderdale, Procurement Services Division  
100 N. Andrews Avenue, 6th Floor  
Fort Lauderdale, FL 33301

**Kimley-Horn and Associates, Inc.**

8201 Peters Road, Suite 2200  
Plantation, FL 33324  
954.5355100

**RE: Civil Engineering, Continuing Services Contract; RFQ No. 12637-421**

Dear Ms. Kleinpeter-Zamora and Members of the Selection Committee:

**Kimley-Horn** understands that the City of Fort Lauderdale faces a number of challenges related to planned growth and redevelopment, which will inevitably lead to necessary improvements and expanding existing resources. As the City looks to the future and takes on the continued challenges of implementing your community's vision, it is vital to have a partner with a passion for developing quality improvements and a commitment to meeting your schedule and budgetary goals. Kimley-Horn has the knowledge, experience, and commitment to be that partner. Our submittal outlines how we can serve the City of Fort Lauderdale for all of the functional areas of interest as identified in the RFQ.

**Responsiveness.** Kimley-Horn has been in business for over 54 years, and we understand that a strong commitment to client satisfaction must be the foundation of our service to you. As your project manager, I will strive to deliver not only technical excellence, but timely service and practical, money-saving solutions. As project manager, my primary role is to ensure effective communication between your staff and my team. We will be responsive, readily available, and will aggressively examine ways to reduce costs as we work with you to define specific needs and implement sound planning and engineering solutions.

**Multidisciplinary Engineering.** The services we provide are multidisciplinary in nature and civil engineering forms the backbone of our experience and qualifications to serve as your consulting engineer. In Florida, more than 250 of Kimley-Horn's staff are professionally registered as civil engineers. At Kimley-Horn, we have experienced professionals in water and wastewater treatment, utility engineering, site planning and master planning, site grading, environmental resources, surface water management, parks and recreational facilities design, transportation/traffic planning and engineering, and hydraulic/hydrologic modeling, among others. We have the in-house capabilities and depth of staff to assist you with any need you may have.

We have teamed with several highly qualified subconsultants to augment our in-house services. Our team includes Avirom & Associates, Inc. for surveying, Tierra South Florida for geotechnical engineering, InfraMap, Corp. for subsurface utility exploration, Bailey Engineering Consultants, Inc. for electrical/instrumentation and controls/SCADA, and METCO for mechanical engineering. We frequently work with these subconsultant partners and share the same commitment of providing exceptional client service to the City of Fort Lauderdale.



**Prompt and Proactive Response.** For more than 50 years, Kimley-Horn has successfully designed and implemented efficient and cost-effective solutions for municipal clients facing planned growth and redevelopment throughout South Florida. We can provide you with unmatched service, personal responsiveness, and local knowledge. Our local office in Plantation is about 15 minutes from Fort Lauderdale's City Hall and offers your staff decades of local experience and the resources of a national, award-winning firm.

**Familiarity with the City of Fort Lauderdale.** We established our Fort Lauderdale office in 1983 and have been providing outstanding service to local municipalities such as Fort Lauderdale, Hallandale Beach, Pembroke Pines, Dania Beach, Lauderdale Lakes, Hollywood, Pompano Beach, Miramar, Davie, and dozens of others throughout the state. We have also served you in the past, including our current general services contracts for services such as Water and Wastewater Systems, Environmental Engineering and Transportation Engineering and Planning and important projects such as Pump Station C-1 and C-2 Rehabilitations, Pump Station A-16 Upgrade (Court House DCP), and 5 MG Steel Tank Rehabilitation at the Fiveash Water Treatment Plant. Our local office is less than 15 minutes away from your offices. Given our proximity and experience, we are highly knowledgeable of the local area, including your constraints and goals. More importantly, we are members of your community, with a deeply vested interest in the City's continuing growth and development.

**Commitment to Quality.** A firm is no greater than its reputation, and ours is built on consistency, quality, and performing on time and within budget. As an established firm, we place significant emphasis on quality control, quality assurance, and cost-saving solutions. As a practice, we submit all deliverables for a thorough review by an expert within Kimley-Horn who is not a member of the immediate project team to assure quality on all of your projects.

**Commitment to Municipal Clients.** Kimley-Horn prides itself on being a successful municipal consultant. In fact, one of our largest practices is within the municipal arena. We have conscientiously served municipal clients throughout Florida and the nation. Our extensive municipal experience in design, administration, and construction phase services gives us the specific understanding of how to work with city staff and elected officials to effectively achieve your objectives. We take ownership of the projects appointed to us. We have a genuine interest in your community's projects and a true commitment to exceed the expectations of your staff and the citizens of Fort Lauderdale.

Sincerely,

**KIMLEY-HORN AND ASSOCIATES**

*Gary R. Ratay*

Gary R. Ratay, P.E.  
Project Manager/Vice President

*Gary Ratay, P.E. is duly authorized to contractually bind Kimley-Horn as evidenced by the letter to the right.*

*Marissa Maring*

Marissa Maring, P.E.  
Deputy Project Manager

**Kimley-Horn and Associates, Inc.  
FULL CONTRACT SIGNING AUTHORITY  
December 16, 2021**

The following individuals have authority to sign both standard and non-standard agreements directly related to serving clients ("Project Agreements"). Project Agreements include client contracts, subcontracts, project-specific vendor agreements, IPO's, contract amendments, non-disclosure agreements, learning agreements, project-specific equipment and facility rental agreements for specific projects, and certifications related to proposals. This document does not grant authorization to sign other types of contracts or legal documents not directly related to client service such as office leases, software purchase or license agreements, tax returns, purchase agreements for supplies, or agreements to procure accounting, legal, recruiting, or similar services.

ATLANTIC	(AT Cont'd)	CALIFORNIA	FLORIDA	(FL Cont'd)
<b>BALTIMORE CITY</b> Falk, Katherine W. Kraft, Jonathan H.	<b>VIRGINIA BEACH</b> Chambers, Jon S. Crum, Kate E. Fayle, William D. Holland, Kimberly R. Juckson, Rebecca R. Mackey, William F. Marschneider, Edward A. Merritt, Karl E. Miller, Edward W.	<b>LOS ANGELES</b> Blume, Robert D. Pares, Jean B. Wyle, Gregory S. Phanuel, Alyssa S.	<b>BOCA DELRAY</b> Spruce, Michael D. Webber, Jason A.	<b>SARASOTA</b> Kissler, B. Kelley Nadeau, Gary J. Pankratz, James R. Schmidt, Scott E.
<b>BOSTON</b> Keegan, Katherine A.	<b>NEWPORT NEWS</b> Collins, Carol E.	<b>OKLAHOMA</b> Awad, Kwasi Cankberg, Adam J.	<b>FORT LAUDERDALE</b> Alam, Mustasar M. Capelli, Jill A. Fazio, Christopher T. McWilliams, John J. Ratay, Gary R. Robertson, Stewart E.	<b>ST. PETERSBURG</b> Dodge, Owen M. Walker, Jordan W.
<b>NORTHERN VIRGINIA</b> Byrd, Michael N. Carler, Erica V. Elman, Paul D. Giffin, Geoffrey D. Kauppli, John L. Koppman, Jennifer R. Leflon, Steven E. Marrin, Robert J. Musson, David B. Punty, Robert W. Saur, Thomas J. Stevens, Ross S. Teague, M. Zach Whyte, Richard D.	<b>WHITE PLAINS</b> Canning, Thomas J. Van Hise, Kevin	<b>ORANGE</b> Adrian, Daren J. Gilly, Brian R. Kerry, Nicole M. Matson, Jason B. Meachor, Jason J. Melvin, M. Pearse Phillips, Chad E.	<b>FORT MYERS</b> Wicks, Amy N. Bryant, M. Lewis	<b>TALLAHASSEE</b> Barr, Ronald R. Stephens, Bill L.
<b>PHILADELPHIA</b> Hammon, Amanda R. Hughes, Paul W.	<b>BRIDGEVIEW</b> Diggs, Tony W. Gibson, Adam T.	<b>PLEASANTON</b> Dean, Felicia C. Cumbertberger, Randall R. Mowery, Michael C. Sowers, Brian E.	<b>MIAMI</b> Bald, Bart L. Buehler, Aaron E. Collier, Julie A. Fernandez, Jorge L. Wier, Matthew D.	<b>TAMPA</b> Bullock, Kelly B. Gliner, Scott W. Lee, Nathan G.
<b>RICHMOND</b> Breuer, Brian J. Chance, Maxwell P. Hill, Corey Lukier, Ashley C. McPeters, Brian A. Perkins, Ryan R. White, Timothy E.		<b>SAN DIEGO</b> Barow, Matthew T. Espelund, Leonardo E. Harris, Jennifer L. Kaltas, Joseph D. Kraus, Michael J. Landsall, Dennis J. McCombs, Matthew B. McWhorter, Samuel L. Podgorski, Anthony J.	<b>VERO BEACH</b> Good, Brian A. Peed, Brooks H. Robertson, Kevin M. Thomas, Melba S. Van Rens, Peter J.	<b>WEST PALM BEACH</b> Barnes, R. Russell Haggen, Christopher W. Lee, Jason R. Miller, Marwan H. Rapp, Bryan T. Shanahan, Kevin M. Sonevart, Michael P. Sumaskee, James M. Terfili, Lindsey A. Waltnell, David W.
		<b>SAN JOSE</b> Medaya, Leyla Meyemof, Peter N. Venter, Frederik J.	<b>ORLANDO</b> Chou, Hao T. Lanzetta, Dennis A. Mann, Jonathan A. Mingone, Milton S. Thigpen, Jonathan D. Welch, Ryan S. White, Wayne E.	



## 4.2.2 Executive Summary

### Firm Background

The City of Fort Lauderdale is seeking a qualified consultant to provide on-call Civil Engineering Services. As the City looks to the future and takes on the continued challenges of implementing your community's vision, it is vital to have a partner with a passion for developing quality improvements, a commitment to meeting your schedule and budgetary goals, and historical knowledge of the City's infrastructure. **Kimley-Horn has the knowledge, experience, technical abilities, and dedication to continue to be that partner.**

Kimley-Horn is an integrated, full-service consulting firm offering civil, landscape architectural, environmental, planning, traffic, transportation, and construction phase services. One feature that separates us from other firms is our ability to provide fully integrated services for any project. This is made possible by our large and diverse professional staff. We full range of consulting engineering, and a focus on providing efficient, cost-effective approaches through exceptional client service. Kimley-Horn offers our clients the individual, personal service that you would expect from a small local firm, but we couple it with the manpower and technical resources of a nationally ranked multidisciplinary engineering firm.

Today, Kimley-Horn has more than 5,600 employees in 96 offices throughout the United States, offering a full range of consulting services to local, regional, national, and international clients. In Florida alone, there are more than 1,000 employees in 16 offices. Additionally, many employees are former municipal engineers and planners who have been on our clients' side of the table and are familiar with local government procedures.

### Business Structure

Kimley-Horn and Associates, Inc. is wholly owned by Associates Group Services, Inc. Associates Group Services, Inc. is wholly owned by APHC, Inc. APHC, Inc. is owned by over 500 individual Kimley-Horn employees. No one individual has 5% or more ownership.

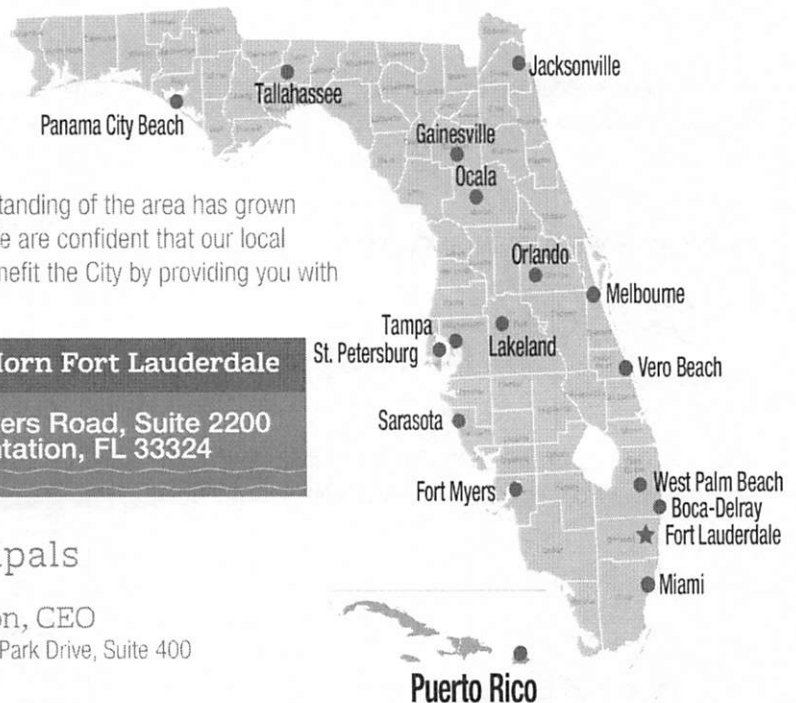
### Office Location

Kimley-Horn has continuously had an office in the Fort Lauderdale area for the past 39 years. We are proud to have worked on projects in Fort Lauderdale and the surrounding communities for many years, and our knowledge and understanding of the area has grown significantly with our decades of service in the community. We are confident that our local presence and sensitivity to the community's concerns will benefit the City by providing you with unmatched accountability, responsiveness, and value.

Our Fort Lauderdale office will be the primary office serving the City on this contract. Additionally, specialized support will come from our surrounding Florida offices.

#### Kimley-Horn Fort Lauderdale

8201 Peters Road, Suite 2200  
Plantation, FL 33324



### Kimley-Horn Officers and Principals

John Atz, Chairman  
1920 Wekiva Way, Suite 200  
West Palm Beach, FL 33411  
John.Atz@kimley-horn.com

Steven Lefton, CEO  
11400 Commerce Park Drive, Suite 400  
Reston, VA 20191  
Steve.Lefton@kimley-horn.com

Richard Cook, Secretary  
421 Fayetteville Street, Suite 600  
Raleigh, NC 27601  
Richard.Cook@kimley-horn.com

Tammy Flanagan, CFO  
421 Fayetteville Street, Suite 600  
Raleigh, NC 27601  
Tammy.Flanagan@kimley-horn.com

David McEntee, Treasurer  
421 Fayetteville Street, Suite 600  
Raleigh, NC 27601  
David.McEntee@kimley-horn.com



## Supervisory Staff and Key Individuals

Kimley-Horn understands the importance of assembling a strong project team; by selecting your consultant for these Continuing Services, you are truly seeking a long-term partner and trusted advisor. The City needs a core team of experts with relevant hands-on experience, a demonstrated record of success, and a high level of responsiveness, both in terms of exceptional local support and technical expertise. Kimley-Horn is that team. We have the outstanding in-house, fully integrated resources to provide the required services. Your project manager **Gary Ratay, P.E.** and deputy project manager **Marissa Maring, P.E.** are empowered to call upon any resources you may need and can assure you that immediate assistance is only a phone call away. Although Kimley-Horn has many disciplines, we have one expertise—making our clients successful. *The project management team and key individuals for this contract are featured below.*

### **Gary Ratay, P.E. | Project Manager & Water/Wastewater Systems Lead**

📍 Fort Lauderdale, FL

Our project manager, Gary Ratay, P.E., will serve as the City of Fort Lauderdale's personal point of contact. He will be personally responsible and accountable for the success of this contract to provide consultant services for any project under this contract. Gary has access to the full range of technical and manpower resources available within Kimley-Horn.

Gary has more than 35 years of engineering experience, with an expertise in general municipal engineering, water/wastewater utility design, water resources, project permitting, and construction phase services. His principal areas of practice include water distribution, wastewater collection, force main, associated pump station design, water treatment plant design, well pump design, site piping, and feasibility and engineering reports. He currently serves as the City's project manager for your Water and Wastewater Systems contract. Additionally, Gary serves as project manager providing a variety of general municipal, water resources, pump station and utility needs to municipalities including Pembroke Pines, Hallandale Beach, Dania Beach, Davie, North Miami, and North Bay Village.



### **Marissa Maring, P.E. | Deputy Project Manager & Engineering Lead**

📍 Fort Lauderdale, FL

Marissa has eight years of engineering experience, including water/wastewater utility design, water/wastewater/reuse master planning, advanced water treatment processes and facilities design, hydraulic modeling, environmental remediation, preparation of engineering drawings, and site/plan preparation and review. She is experienced with AutoCAD, InfoWater, and ArcGIS. Marissa has experience with reuse feasibility planning, master planning, construction management, and permitting.



### **Ignacio Lizama, P.E. | QA/QC**

📍 Miami, FL

Ignacio is a senior engineer with a wide range of local projects in Miami-Dade County. He brings 27 years of institutional knowledge in service to the City of Miami and other municipal clients. He has a keen understanding of the leadership and technical skills necessary to ensure best project delivery and exceeding client expectations. He also brings an established track record in the management, planning, design, and construction of significant engineering and infrastructure projects in South Florida. His professional experience spans every facet of the project cycle including feasibility studies, design basis reports, master plans, detailed design, construction management, permitting, project outreach, and client involvement.



### **Marwan Mufleh, P.E. | Principal**

📍 West Palm Beach, FL

Marwan has 33 years of highway design experience in South Florida. His principal areas of practice include project management, roadway design, drainage design, pavement marking, maintenance of traffic, and construction administration. Marwan has worked extensively on projects throughout South Florida, and has directed numerous projects for Broward County, Palm Beach County, the Florida Department of Transportation, District Four, and several municipalities.





**Stefano Viola, P.E. | Environmental Permitting Lead**

Fort Lauderdale, FL

Stefano has 15 years of diverse civil engineering experience, including roadway restoration and resurfacing, drainage modeling, water/wastewater utility design, stormwater master planning, preparation of engineering drawings, permitting and site/plan preparation and review. He has experience serving a diverse group of clients, including counties, municipalities, government agencies, and private developers. He has experience with AutoCAD, WaterCAD, StormCAD, and Cascade software programs and design analysis software.

**John Lafferty | Transportation/Traffic Lead**

Fort Lauderdale, FL

John has more than 25 years of professional experience in project management, multimodal transportation planning, and stakeholder outreach. His experience includes technical analyses/assessments for various government agencies to evaluate capital improvement projects in accordance with the National Environmental Policy Act (NEPA) and Federal Transit Administration (FTA) project development requirements. John has worked extensively with the Florida Department of Transportation, South Florida Regional Transportation Authority, metropolitan planning organizations, transit operators, and South Florida municipalities.

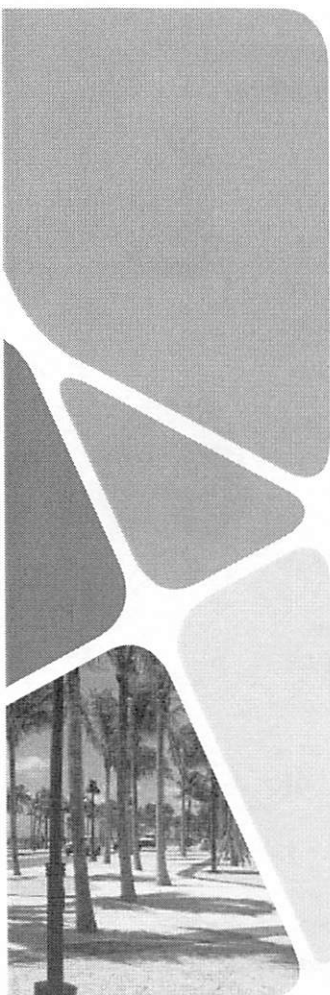


## Key Elements of our Team and Approach

Selecting the right on-call consultant is undoubtedly of the utmost importance to the City of Fort Lauderdale. You need a consultant that can navigate the wide-ranging responsibilities and challenges presented by each project with a clear, visionary approach, as well as a proactive partner who is familiar with your procedures. Our long-standing experience with various municipal agencies on continuing services contracts means you will receive unmatched service, responsiveness, and essential local knowledge. Continuing services contracts also require a different approach. Each task has unique demands that require specific skills and disciplines.

*Our comprehensive team covers each functional area of interest listed in this RFQ as noted below. Our experience in providing these services is outlined in this proposal.*

- a. Water and wastewater engineering (specifically pipeline and lift-station design)
- b. Stormwater engineering
- c. Transportation engineering
- d. Structural engineering (specifically seawall, dock, and bridge design)
- e. Environmental engineering
- f. Surveying and mapping services
- g. Photogrammetry and remote sensing
- h. Geotechnical engineering
- i. Coastal engineering
- j. Water resources engineering
- k. Hydrology and hydraulic engineering
- l. Mechanical engineering
- m. Construction engineering and inspection



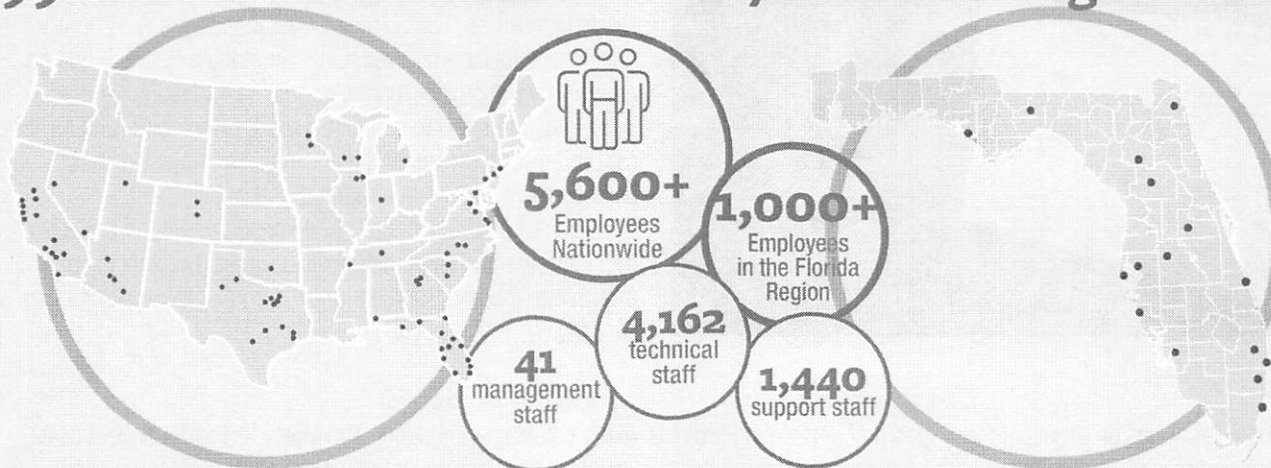


## 4.2.3 Firm Qualifications and Experience

Today, Kimley-Horn has more than 5,600 employees in more than 99 offices across the United States and Puerto Rico offering a full range of consulting services to local, regional, national, and international clients. Kimley-Horn takes great pride in our unique approach to providing professional services that is based on our commitment to serve our clients with responsive, proactive consulting professionals. Our hands-on and collaborative approach to consulting enables our team to deliver the high level of personal service you expect. We will work with your staff to clearly establish goals then draw upon our experience to formulate innovative and cost-effective approaches—this is the Kimley-Horn difference.

### 99 Offices Nationwide

### 17 Florida Region Offices



### Business Structure

Kimley-Horn and Associates, Inc. was incorporated on February 10, 1967 in North Carolina. The corporate headquarters is located at 421 Fayetteville Street, Suite 600, Raleigh, North Carolina 27601. Kimley-Horn and Associates is a privately held corporation, fully owned by individuals who are current employees of the firm and certified as a legal entity in the State of Florida FL#821359 and not a registered MBE/DBE/ SBE.

Kimley-Horn is very unique as it is one of the few companies that is structured to operate as a single-profit center. This core value allows all our branch offices to work together as a team rather than compete as individual profit centers.

Our project manager, **Gary Ratay, P.E.**, will serve as the City of Fort Lauderdale's personal point of contact.

### Technical Resources and Capabilities

We know that responsiveness to your needs will be the measure of our success. Accordingly, we operate a business-based professional engineering practice. Kimley-Horn's philosophy of providing professional engineering services is based on client service and technical expertise. We provide all of our clients with teams of client-centered professionals and staff who are empowered with the flexibility needed to quickly respond to both administrative requirements and scheduling needs.

### Schedule

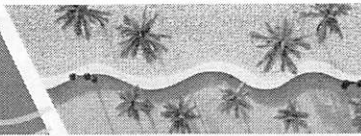
Schedule control is inherently tied to people. Their experiences, vision, management styles, and philosophies all affect significant components of a project approach and its execution. Our approach will include identifying realistic goals, developing a focused action plan that addresses only those items necessary to accomplish the goals, anticipating the implications of decisions made in early phases to future phases, and preparing a mechanism for addressing unexpected challenges. This approach builds the framework for completing successful projects both on schedule and within budget.

#### Kimley-Horn and Associates, Inc.

8201 Peters Road, Suite 2200  
Plantation, FL 33324  
954.535.5112; fax 561.863.8175  
gary.ratay@kimley-horn.com  
www.kimley-horn.com







## Firm's Initiatives Towards Sustainable Business Practices that Demonstrate a Commitment to Conservation

At Kimley-Horn, sustainable, and green initiatives are fundamental to our practice. Since 2008, Kimley-Horn has incorporated innovative, and sustainable principles into many of our projects. This green initiative stems from our people's passion and seeks to better serve current and potential clients as both our society and industry demand change. Kimley-Horn has been recognized by Engineering News-Record as one of the nation's "Top Green Design Firms" and nearly 100 of our professionals across the firm have earned LEED accreditations. Sustainability at Kimley-Horn. Sustainability is an important part of Kimley-Horn and we follow the following approach.

- First, **we are committed to the principles of sustainability.** Accordingly, we have a corporate commitment to continually seek a sustainable balance in our daily practices and within our facilities. We strive to minimize our environmental footprint, creating a healthier workplace for our employees and reducing energy expenditures. Ultimately, we seek to achieve the sustainable ideal of improving our triple bottom line—planet, people, and profitability.
- Second, **we recognize that planning and design of the built environment in today's marketplace must include a focus on sustainability levels.** We are committed to assisting our clients by providing the highest level of sustainable design service, with a significant focus on providing exceptional client service as a leader in all of our disciplines.

### Corporate Commitment to Sustainability

Kimley-Horn is also committed to having a sustainable workplace. We seek to achieve this goal by reducing the negative environmental impacts of our business operations. We believe in creating a corporate mindset that empowers and recognizes individuals and small groups of employees who make good daily decisions that: (1) contribute to a healthier workplace, (2) are environmentally responsible, and (3) save energy and firm resources.

Kimley-Horn has established goals for our corporate practices in several areas, including energy usage, disposition of office supplies, impact on transportation, and design of office space. These goals reach across all offices and geographic locations. Individuals who want to make a difference in each office have the freedom to devise solutions to accomplish sustainability goals in the best way for their staff, their community, and their clients. We have adopted a series of strategies and plans to achieve these internal workplace goals.

### Standard Form 330

The scope of services provided in the RFQ clearly identify what the City of Fort Lauderdale is looking for in a on-call consultant. It is clear the City needs a consultant who understands the complexities and specific challenges associated with its service areas and organization. Kimley-Horn has a distinguished history of successfully completing projects and managing continuing contracts such as this. Our success is due to a combination of effective project management, strong technical expertise, and a steadfast quality control program.

As you will see in our qualifications, we offer a comprehensive, integrated project team to provide all of the services the City needs. We have assembled a team familiar with the City's processes and procedures, and with specialized experience in all of the functional areas of interest required under this contract. The attached SF 330 provides a sampling of similar projects recently completed that we believe best illustrate our team's qualifications and relevant experience for the City's Civil Engineering Continuing Services contract.

# ARCHITECT – ENGINEER QUALIFICATIONS

## PART I – CONTRACT SPECIFIC QUALIFICATIONS

### A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State) Civil Engineering Services, Fort Lauderdale, FL	
2. PUBLIC NOTICE DATE 2/25/2022	3. SOLICITATION OR PROJECT NUMBER 12637-421

### B. ARCHITECT – ENGINEER POINT OF CONTACT

4. NAME AND TITLE Gary R. Ratay, Project Manager		
5. NAME OF FIRM Kimley-Horn and Associates, Inc.		
6. TELEPHONE NUMBER 954.535.5100	7. FAX NUMBER	8. E-MAIL ADDRESS Gary.Ratay@kimley-horn.com

### C. PROPOSED TEAM

(Complete this section for the prime contractor and all key subcontractors.)

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
a.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	8201 Peters Road, Suite 2200 Plantation, FL 33324	Prime Consultant
b.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	1920 Wekiva Way, Suite 200 West Palm Beach, FL 33411	Prime Consultant
c.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	355 Alhambra Circle, Suite 1400 Coral Gables, FL 33134	Prime Consultant
d.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	1412 Jackson Street, Suite 2 Fort Myers, FL 33901	Prime Consultant
e.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	189 South Orange Avenue, Ste. 1000 Orlando, FL 32801	Prime Consultant
f.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	12740 Gran Bay Parkway West, Suite 2350, Jacksonville, FL 32258	Prime Consultant
g.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	655 North Franklin Street, Suite 150 Tampa, FL 33602-4447	Prime Consultant
h.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	11 North Water Street, RSA Battle House Tower, Suite 9290, Mobile, AL 36602	Prime Consultant
i.			<input checked="" type="checkbox"/>	Avirom and Associates, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	50 SW 2nd Ave, Boca Raton, FL 33432	Surveying
j.			<input checked="" type="checkbox"/>	Tierra South Florida, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	2765 Vista Parkway, Suite 10 West Palm Beach, FL 33411	Geotechnical Engineering
k.			<input checked="" type="checkbox"/>	InfraMap, Corp. <input type="checkbox"/> CHECK IF BRANCH OFFICE	1860 Old Okeechobee Road, Unit 514, West Palm Beach, FL 33409	Subsurface Utility Exploration
l.			<input checked="" type="checkbox"/>	Bailey Engineering Consultants, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	10620 Griffin Road, Suite 33328, Cooper City, FL 33328	Electrical/Instrumentation & Control/ SCADA
m.			<input checked="" type="checkbox"/>	Metco Southeast, LLC <input type="checkbox"/> CHECK IF BRANCH OFFICE	3735 NW 82nd Ave., Suite 314 Doral, FL 33166	Mechanical Engineering

### D. ORGANIZATIONAL CHART OF PROPOSED TEAM

☒ (Attached)

**City of Fort Lauderdale**

**Principal-in-Charge**  
Marwan Mufleh, P.E.

**Project Manager**  
Gary Ratay P.E.

**Quality Assurance/  
Quality Control**  
Ignacio Lizama, P.E.

**Deputy Project Manager**  
Marissa Maring, P.E.

**Water and Wastewater  
Systems**

Gary Ratay, P.E.

**Water Distribution**

Tom Jensen, P.E.  
Fannie Howard, P.E.  
Marissa Maring, P.E.

**Wastewater Collection**

Gary Ratay, P.E.  
Juan Jimenez, P.E.  
Samantha Graybill, P.E.

**Pumping Facilities**

Lewis Bryant, P.E.  
Jason Lee, P.E.  
Kevin Schanen, P.E.

**Treatment Plant (WW)**

Steve Romano, P.E.  
Chuck Starling, P.E.

**Treatment Plant (Water)**

Lance Littrell, P.E.  
Mark Miller, P.E.  
Nick Black, P.E.

**Wellfield**

Jason Sheasley, P.G.  
Jill Grimaldi

**Utility Permitting**

Andrea Carpenter, P.E.  
Marissa Maring, P.E.  
Sebastian Vittorino, P.E.

**Environmental Engineering**

Stefano Viola, P.E.

**Stormwater and  
Drainage Design**

Stefano Viola, P.E.  
Carlos Florian, P.E.  
Tiffany Stanton, P.E.

**Stormwater and  
Drainage Modeling**

Amy Wicks, P.E.  
Kellie Clark, P.E.  
Matt Brosman, P.E.

**Contamination**

Jason Sheasley, P.G.  
Bill Spinner, P.G.

**Transportation/Traffic**

John Lafferty

**Transit**

John Lafferty  
Stewart Robertson, P.E.

**Traffic Planning/  
Traffic Engineering**

Adrian Dabkowski, P.E. PTOE  
Stewart Robertson, P.E.  
John McWilliams, P.E.

**Roadway**

Marwan Mufleh, P.E.  
Stewart Robertson, P.E.  
Eric Regueiro, P.E.

**Bridge/Structural**

Angelina Fairchild, P.E.  
Jamea Long, P.E.

**Parking**

John Lafferty  
Erin Emmons, GISP

**Engineering Services**

Marissa Maring, P.E.

**GIS**

Erin Emmons, GISP  
Maggie Giraldo, P.E.  
Maddy Hollowed, E.I.

**Construction Documents**

Stefano Viola, P.E.  
Gary Ratay, P.E.  
Marissa Maring, P.E.

**Construction Phase Services**

Gary Ratay, P.E.  
Sebastian Vittorino, P.E.  
Luis Guerra, Inspector

**Public Outreach**

Gary Ratay, P.E.  
Marissa Maring, P.E.

**Subconsultants**

**Surveying**

*Avirom & Associates, Inc.*

**Geotechnical Engineering**  
*Tierra South Florida, Inc.*

**Subsurface Utility Exploration**  
*Inframap, Corp.*

**Electrical/Instrumentation  
& Control/SCADA**  
*Bailey Engineering  
Consultants, Inc.*

**Mechanical Engineering**  
*METCO*



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)	<b>20. EXAMPLE PROJECT KEY NUMBER</b> 1
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<b>21. TITLE AND LOCATION (City and State)</b> Pines Village Water Main Improvements   Phase II & Septic Tank Conversion, Pembroke Pines, FL	<b>22. YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if Applicable) N/A

<b>23. PROJECT OWNER'S INFORMATION</b>		
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<b>a. PROJECT OWNER</b> City of Pembroke Pines, FL	<b>b. POINT OF CONTACT NAME</b> George Wvres, Assistant Utilities Director	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> 954.518.9040
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<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>
--

Kimley-Horn was selected by the City of Pembroke Pines to design a new distribution system that will meet all water demands, provide system redundancy, improve operation and maintenance, and focus on minimizing project costs through accurate hydraulic modeling and efficient design.

To implement these improvements, Kimley-Horn will provide a water demand analysis including water supply availability, peak flows, fire flow requirements, water service connection points, meter box locations, and hydraulic modeling for a proposed water distribution system. Kimley-Horn will also provide a wastewater system analysis required for a septic to sewer conversion. The analysis will include determining average daily flows, peak flows, hydraulic modeling, gravity sewer design, septic to sewer connection points, pump station impacts, and force main system analysis. Alternatives will be developed and reviewed to provide the most cost-effective approach to implement the proposed water and wastewater infrastructure improvements, and as part of the process, associated opinions of probable cost and project schedules will be provided.

Project Cost: \$11,958,000



<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>		
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<b>a.</b>	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale	(3) ROLE Project management, permitting, design
<b>b.</b>	(1) FIRM NAME TSFGeo, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Geotechnical
<b>c.</b>	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) Orlando, FL	(3) ROLE Design, hydraulic modeling, cost analysis
<b>d.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)	20. EXAMPLE PROJECT KEY NUMBER 2
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21. TITLE AND LOCATION (City and State) Wiles Road Design from Rock Island Road to US 441 (SR 7), Coral Springs, FL	22. YEAR COMPLETED PROFESSIONAL SERVICES 2021	CONSTRUCTION (if Applicable) 2018
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23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Broward County	b. POINT OF CONTACT NAME Najla Zerrouki, P.E., City Engineer	c. POINT OF CONTACT TELEPHONE NUMBER 954.345.2188

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)
<p>Kimley-Horn was selected by the Broward County Engineering Division to prepare complete contract plans for the reconstruction and widening of Wiles Road to a 6-lane divided urban arterial from Rock Island Road to US 441 (SR 7). The firm incorporated the Broward Complete Streets guidelines (also prepared by Kimley-Horn) that were endorsed by the Broward MPO. Complete streets, which are designed to balance all modes of transport, ensure safe access for all users, including pedestrians, bicyclists, motorists, and transit riders.</p>

Key elements of the project included a successful public involvement program that included input from area HOA's, public schools, and the City of Coral Springs regarding decorative streetlamps and design of a City entrance monument. Utility impacts were minimized with innovative drainage design techniques that involved filling in an existing ditch/canal that encroached into existing R/W. Kimley-Horn's engineers designed a dry detention area for stormwater attenuation and coordinated with the U.S. Army Corps of Engineers, Pine Tree Water Control District, and SFWMD to develop drainage solutions that avoided the need to acquire additional R/W. Our team also provided utility relocation design services for the City of Coral Springs regarding the repositioning of their water and sewer lines and coordinated the relocation of FPL Transmission poles. We also provided design coordination for landscaping and new decorative streetlamp lighting between the County and City of Coral Springs for a new entrance monument and lighting for the City.

Kimley-Horn's design services included roadway design, drainage, lighting, landscaping, irrigation, signing and marking, signalization, utility coordination, and detailed traffic control plans. The road widening took into consideration not just the needs of vehicular traffic but also of bikers and pedestrians. Among the different components of the project are a new lane on both sides, wider sidewalks, street lighting, landscaping, a three-foot buffer and four-foot bike lanes. The existing traffic signals were replaced with mast arm signals.



Project Cost: \$30,000,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) Plantation, FL	(3) ROLE Project management, permitting, design
b.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Permitting and design
c.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) Orlando, FL	(3) ROLE Permitting and design
d.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) Coral Gables, FL	(3) ROLE Permitting and design
e.	(1) FIRM NAME TSFGeo, Inc. (formerly Tierra South Florida)	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Geotechnical



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (Present as many projects as requested by the agency, or 10 projects. If not specified, Complete one Section F for each project.)	<b>20. EXAMPLE PROJECT KEY NUMBER</b> 3
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<b>21. TITLE AND LOCATION (City and State)</b> 12412 Pump Station A-16 Upgrade (Court House DCP), Fort Lauderdale, FL	<b>22. YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if Applicable) N/A

<b>23. PROJECT OWNER'S INFORMATION</b>		
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<b>a. PROJECT OWNER</b> City of Fort Lauderdale	<b>b. POINT OF CONTACT NAME</b> Jorge Holguin, Senior Project Manager	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> 954.828.5675
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<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>
--

Kimley-Horn previously developed a Design Criteria Package (DCP) associated with relocating the existing Pump Station A-16, constructing new gravity sewer, constructing new forcemain piping, and relocating an existing 30" water main to allow for the construction of a new Hudson Site Federal Court House. Kimley-Horn reviewed the existing pump station, forcemain, and water main improvements to provide conceptual pump station relocation, utility installation, and utility abandonment recommendations for use in developing the DCP.

The City has tasked our team to modify the existing DCP to reflect a revised pump station location based on potential changes to the Federal Court House site plan but also include the pump station location originally proposed as an alternative site for bidding.

Project Cost: \$2,725,570



<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>			
<b>a.</b>	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) Plantation, FL	(3) ROLE Project management, permitting, design
<b>b.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (Present as many projects as requested by the agency, or 10 projects. If not specified, Complete one Section F for each project.)	<b>20. EXAMPLE PROJECT KEY NUMBER</b> 4
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<b>21. TITLE AND LOCATION (City and State)</b> <b>SW 82<sup>nd</sup> Avenue (Sub-basin 59/60) Paving and Drainage Improvements, Palmetto Bay, FL</b>	<b>22. YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2017</td><td>CONSTRUCTION (if Applicable) 2019</td></tr> </table>	PROFESSIONAL SERVICES 2017	CONSTRUCTION (if Applicable) 2019
PROFESSIONAL SERVICES 2017	CONSTRUCTION (if Applicable) 2019		

<b>23. PROJECT OWNER'S INFORMATION</b>		
<b>a. PROJECT OWNER</b> Village of Palmetto Bay	<b>b. POINT OF CONTACT NAME</b> Dionisio Torres	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> 305.969.5011

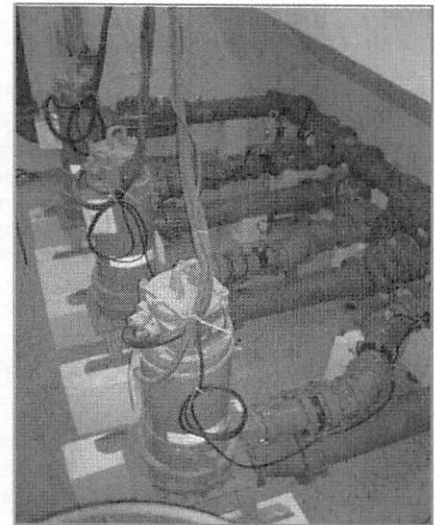
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>  <p>Kimley-Horn assisted the Village with addressing flooding issues throughout Drainage Basin 59-60 as defined in the Village's Stormwater Master Plan. The project consisted of analyzing the contributing drainage area associated with the following roadways: SW 82<sup>nd</sup> Avenue from SW 152<sup>nd</sup> Street to SW 160<sup>th</sup> Street, SW 81<sup>st</sup> Street from SW 152<sup>nd</sup> Street to SW 155<sup>th</sup> Street, and a localized improvement at the intersection of SW 160<sup>th</sup> Street and SW 81<sup>st</sup> Avenue. Kimley-Horn assisted in developing a roadway restoration/resurfacing and drainage improvements project in the residential area including permitting, signing and pavement markings, and site restoration. Our team located proposed drainage infrastructure and provided cost effective drainage improvements to meet storm water management and environmental permitting requirements as well as minimize impacts to adjacent properties. Tasks included data collection, preparation of design development plans, drainage design and permitting (including hydraulic analysis) and preparation of final construction plans and contract documents. The project occurred on a roadway with high traffic volumes and a detailed maintenance of traffic plan was required to minimize impacts to the community while always focusing on vehicular and pedestrian safety. Kimley-Horn provided construction phase services to expedite the project and to confirm the project was built in accordance with the design plans. Close coordination with residential property owners was required for the successful project.</p> <div> </div> <p>Project Cost: \$128,000 (design); \$853,000 (construction)</p> <div> </div> <div> </div>
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<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>			
<b>a.</b>	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) Plantation, FL	(3) ROLE Prime consultant
<b>b.</b>	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) Coral Gables, FL	(3) ROLE Prime consultant
<b>c.</b>	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Prime consultant

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (Present as many projects as requested by the agency, or 10 projects. If not specified, Complete one Section F for each project.)		<b>20. EXAMPLE PROJECT KEY NUMBER</b> 5
<b>21. TITLE AND LOCATION (City and State)</b> Main Wastewater Pump Station Rehabilitation, North Bay Village, FL		<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES 2009 CONSTRUCTION (if Applicable) 2010
<b>23. PROJECT OWNER'S INFORMATION</b>		
<b>a. PROJECT OWNER</b> North Bay Village	<b>b. POINT OF CONTACT NAME</b> Marlon Lobban	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> 305.756.7171
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>		

Kimley-Horn provides general engineering services for the City of North Bay Village on an ongoing basis.

Kimley-Horn developed construction documents for the rehabilitation of the City's main wastewater pump station. The project included analyzing the existing pumping and control equipment to evaluate present operating parameters and to develop a rehabilitation approach to increase system efficiency, reduce system maintenance, and provide a reliable, redundant pump station to better serve the City. Existing shaft-driven wastewater pumps were converted to submersible pumps for use in a dry pit area and the complete control system was upgraded. The preliminary design phase focused on pump performance, pump mechanical integrity, control system operation, and modeling system pressures. The control system was evaluated in terms of present operational problems, redundancy, electrical code compliance, and feasibility/cost analysis for a Citywide SCADA system. The final design phase included the development of construction plans and technical specifications to detail pump station equipment rehabilitation, control modifications, installation of variable frequency drives, a motor control center, upgrade to the electrical service, Citywide SCADA system, and plans to demolish the existing equipment. The design approach required construction coordination and planning to keep the existing station in service during the rehabilitation and service upgrade process.



The scope of work also included preparation and submittal of documents and design data for permit applications, opinions of probable construction cost, bidding services, and construction phase services that include attendance at project meetings to assess the project schedule and contractor progress, review of shop drawings for conformance with the contract documents, contract administration such as review of applications for payment, interpretations and clarifications of the contract documents, on-site observations to observe contractor performance, project close-out to confirm the contractor had fulfilled all contract obligations, and review of project record drawings.

Project Cost: \$450,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Project management, permitting, design
b.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Design review, construction phase services
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (Present as many projects as requested by the agency, or 10 projects. If not specified, Complete one Section F for each project.)	<b>20. EXAMPLE PROJECT KEY NUMBER</b> 6
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<b>21. TITLE AND LOCATION (City and State)</b> <b>Force Main Rehabilitation Design-Build Project, Construction Administration, North Bay Village, FL</b>	<b>22. YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES 2009	CONSTRUCTION (if Applicable) 2011

<b>23. PROJECT OWNER'S INFORMATION</b>		
a. PROJECT OWNER North Bay Village	b. POINT OF CONTACT NAME Marlon Lobban	c. POINT OF CONTACT TELEPHONE NUMBER 305.756.7171

<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>  <p>Kimley-Horn provides general engineering services for the City of North Bay Village on an ongoing basis. One project involved a force main rehabilitation design-build construction administration package. Services included developing a route evaluation report and design criteria package for a Citywide force main improvement. The City's existing sub-aqueous 12-inch force main system required replacement. A new 16-inch force main was proposed. The final force main route evaluation report addressed stakeholders' issues, permit feasibility, and a recommendation to proceed with the preferred route. The resulting design criteria package was used to select a design-build team for construction of the new force main system. The design criteria package also included environmental permits through FDEP and USACE to address environmental impacts for three water crossings. The design criteria package was also submitted to the State and approved for \$3.5 million in ARRA funding. Services also included construction administration tasks such as on-site observations and contract close-out, as well as assisting the City with collecting the ARRA funding and \$1.0 million through a State Revolving Fund (SRF) loan for the balance of the \$4.5-million improvement.</p>
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Project Cost: \$6,200,000



<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>		
a. (1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Project management, permitting, construction phase services
b. (1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Design Review, construction phase services
c. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)	<b>20. EXAMPLE PROJECT KEY NUMBER</b> 7
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<b>21. TITLE AND LOCATION (City and State)</b> James E. Anderson Reverse Osmosis Water Treatment Plant, Port St. Lucie, FL	<b>22. YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2021</td> <td>CONSTRUCTION (if Applicable) 2024 (estimated)</td> </tr> </table>	PROFESSIONAL SERVICES 2021	CONSTRUCTION (if Applicable) 2024 (estimated)
PROFESSIONAL SERVICES 2021	CONSTRUCTION (if Applicable) 2024 (estimated)		

<b>23. PROJECT OWNER'S INFORMATION</b>		
a. PROJECT OWNER City of Port St. Lucie	b. POINT OF CONTACT NAME Pierre Vignier	c. POINT OF CONTACT TELEPHONE NUMBER 772.871.5100

<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>
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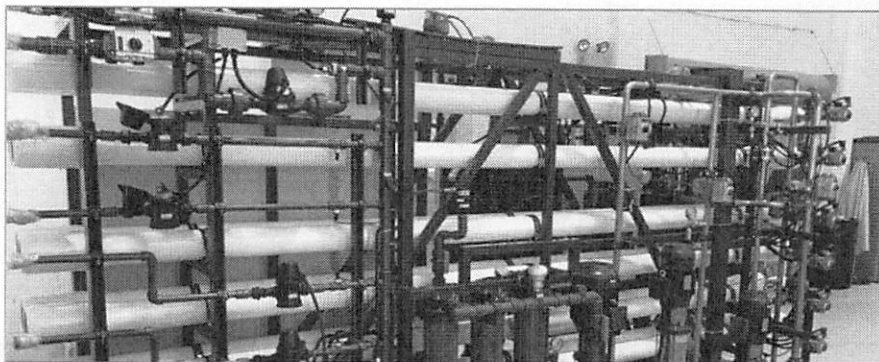
The James E. Anderson Reverse Osmosis (RO) Water Treatment Plant (WTP) has exceeded the planned useful lifespan of the existing membrane elements and is approaching 15 years of operation. The Kimley-Horn team was selected to provide the RO membrane study and replacement consulting services for the WTP. In addition to the pilot testing of three membrane elements, the project includes a detailed evaluation of the RO process trains, wholistic facility assessment and energy efficiency analysis, bid solicitation and procurement of membranes and contractors for installation, as well as membrane installation and facility upgrades oversight and testing certification. The project is anticipated to extend over the 5-year replacement schedule for the membrane elements and construction upgrades to the treatment trains.

The membrane piloting effort included a desktop analysis focusing on selecting three membranes that most efficiently supply the City's potable water goals using the raw water supply. Kimley-Horn evaluated the well supply data to generate the raw water characteristics for the pilot testing. The top three membranes featuring energy efficiency, permeate water quality, and fouling potential were selected for performance testing. Each membrane set was loaded utilizing the pilot skid to train and instruct the City's operations staff on membrane loading and replacement. Each piloted element's data including salt rejection, operating pressure, flux, and fouling characteristics was collected and normalized for analysis and assessment overall against the competing elements. All data and recommendations are summarized in the pilot testing report.

In parallel to the pilot testing, Kimley-Horn prepared an evaluation of the 10 process trains to simplify and synchronize membrane skid performance. The phased-constructed trains have varying arrays, membrane elements, and energy recovery devices. The assessment will provide a listing and design of the upgrades necessary to standardize the process trains' operation. Kimley-Horn prepared a performance specification for both membrane elements and membrane specialty contractors for bidding and selection by the City. The membrane specialty contractors are performing the planned updates to the process trains, loaded and tested new membrane elements in all 10 trains, and provide installation of general plant upgrades associated with overall plant efficiency improvements.

Kimley-Horn is providing the supervision, overseeing the unloading and reloading, skid upgrades, and membrane performance testing with the new membrane elements. The team will perform construction observation services for the upgrades and provide certification of the improvements once completed over the 5-year window of membrane train upgrade and element replacement.

Project Cost: \$484,320 (design)



<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>		
a. (1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) Orlando, FL	(3) ROLE Project management, design, bidding, construction phase services
b. (1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Design, construction phase services
c. (1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) Vero Beach, FL	(3) ROLE Design

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (Present as many projects as requested by the agency, or 10 projects. If not specified, Complete one Section F for each project.)	<b>20. EXAMPLE PROJECT KEY NUMBER</b> 8
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<b>21. TITLE AND LOCATION (City and State)</b> Nanofiltration Water Treatment Facility (WTF), Jupiter, FL	<b>22. YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION (if Applicable) 2013

<b>23. PROJECT OWNER'S INFORMATION</b>		
a. PROJECT OWNER Town of Jupiter	b. POINT OF CONTACT NAME Amanda Barnes	c. POINT OF CONTACT TELEPHONE NUMBER 561.741.2537

<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>
--

Kimley-Horn was engaged by the Town of Jupiter to serve as Owner's representative and contract administrator during construction of their \$37-million, 15-MGD nanofiltration water treatment plant (WTP). The project consisted of a new membrane process building, main control room upgrade, pre- and post-treatment systems, and ancillary systems to support the nanofiltration WTP. After design, Kimley-Horn's engineers combined with Town personnel staffed a full-time inspection and site presence operation for the duration of the WTP construction, startup and testing. This nanofiltration plant replaced the Town's existing lime softening treatment facilities. A unique feature of this WTP was that it was the first in the U.S. to utilize center feed membrane vessels. This plant also included more than \$10 million in owner-purchased equipment, which saved the Town more than \$600,000 for the project. Kimley-Horn was chosen to represent the Town on this project based on familiarity with the site, preferences of the Town of Jupiter, and a demonstrated ability to keep construction moving while implementing field changes that individually make incremental improvements in the facility.

Kimley-Horn developed a unique teaming approach with the Town during construction that allowed Town staff to be very involved throughout the process, which significantly reduced their costs. Kimley-Horn staff worked closely with the Town's employees in perform certain administrative and construction observation roles that would normally be offered by the engineering consultant on a project of this magnitude. Kimley-Horn's professional staff were available on-site to focus on time critical engineering efforts and field changes. This collaborative approach proved to be highly successful from both the Town's and Contractor's standpoint.

The project serves as a showpiece for the Town and their Utility as the first in the U.S. to feature center feed membrane vessels. This pioneering effort stemmed from pilot testing and process verification prior to design and construction. Accordingly, the WTP was awarded the Membrane Facility of the Year by the American Membrane Technology Association (AMTA) in 2019.



Project Cost: \$37 million

<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>			
a.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Project management, construction phase services
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		<b>20. EXAMPLE PROJECT KEY NUMBER</b> 9
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<b>21. TITLE AND LOCATION (City and State)</b> 24-Inch Water Main and Force Main Subaqueous Intracoastal Crossings, West Palm Beach, FL	<b>22. YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION (if Applicable) 2012

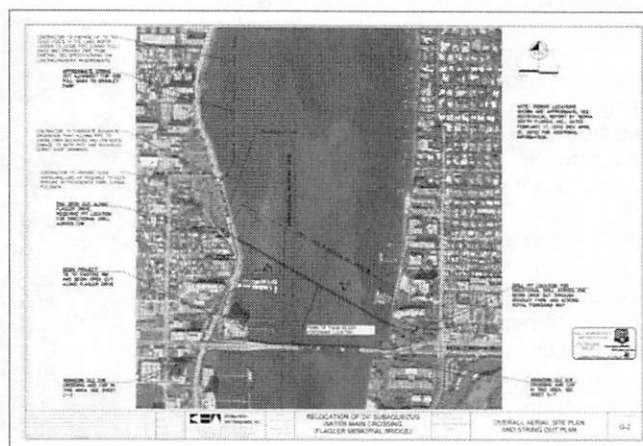
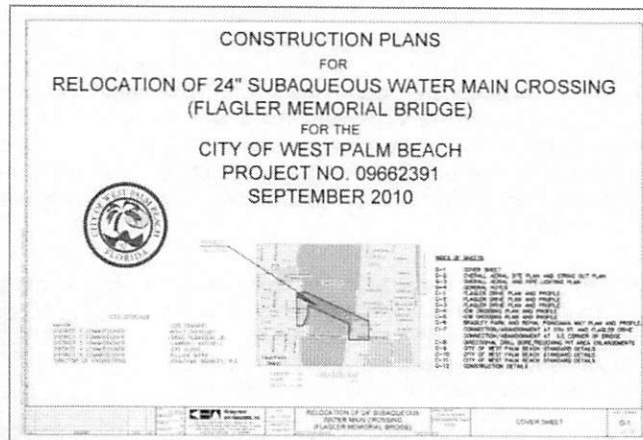
<b>23. PROJECT OWNER'S INFORMATION</b>		
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<b>a. PROJECT OWNER</b> City of West Palm Beach	<b>b. POINT OF CONTACT NAME</b> Laura Le	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> 561.494.1040
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<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>
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As a result of the Florida Department of Transportation (FDOT) relocating the Flagler Memorial Bridge, the City of West Palm Beach was required to relocate an existing 24-inch water main that conflicted with the location of the proposed bridge. To implement the most beneficial location for the new water main, Kimley-Horn was retained to develop a route evaluation study. Four alternatives were evaluated to cross the Intracoastal Waterway. The report discussed community impacts, constructability, hydraulics, permit feasibility, and cost. Once the route was selected, Kimley-Horn provided design, permitting, bid, and construction phase services for the project. The design included a 2,700-foot long subaqueous crossing of the Lake Worth Lagoon and more than 1,000 linear feet of upland pipeline through downtown West Palm Beach and the Town of Palm Beach.

One unique element of the project was the collaboration between the Town of Palm Beach and the City of West Palm Beach during this project. The Town was in need of replacing their aging force main crossing that is currently located at Currie Park. To take advantage of the cost savings that could be realized through a shared bidding and construction process, the Town entered into an Interlocal Agreement with the City to construct a 24-inch force main parallel to the water main. Kimley-Horn provided design, permitting, and construction phase services for both the water main and force main. Permits were obtained from the U.S. Army Corps of Engineers, the FDEP, and the FDOT. A detailed bid item list with an accompanying measurement and payment section was developed to separate the City funded versus the Town funded portions of the project. Additionally, much of the water main work was funded by FDOT as part of the relocation agreement. All of the bid items were clearly identified so project funding between the three entities involved (City, Town, and FDOT) could be easily understood and documented. Kimley-Horn provided construction phase services for the project which was completed in 2012 at a cost significantly under the project budget.



Project Cost: \$425,000 (design); \$3.5M (construction)

<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>		
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<b>a.</b>	<b>(1) FIRM NAME</b> Kimley-Horn and Associates, Inc.	<b>(2) FIRM LOCATION (City and State)</b> Fort Lauderdale, FL	<b>(3) ROLE</b> Route evaluation report, project design, stakeholder coordination, construction documents, bidding assistance, construction phase services
	<b>(1) FIRM NAME</b> Kimley-Horn and Associates, Inc.	<b>(2) FIRM LOCATION (City and State)</b> West Palm Beach, FL	<b>(3) ROLE</b> Project design, hydraulic analysis, permitting, construction phase services

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> (Present as many projects as requested by the agency, or 10 projects. If not specified, Complete one Section F for each project.)	<b>20. EXAMPLE PROJECT KEY NUMBER</b> 10
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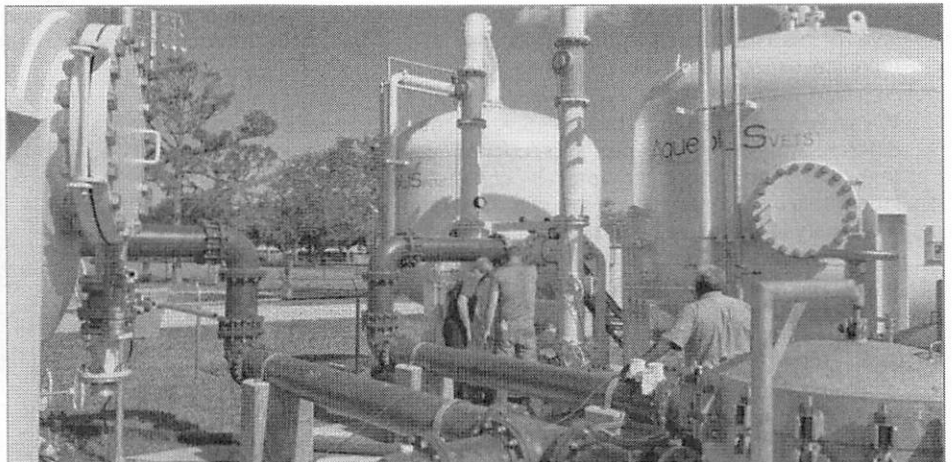
<b>21. TITLE AND LOCATION (City and State)</b> City of Stuart Water Treatment Plant Emerging Contaminants (PFAS) Treatment and Implementation, Stuart, FL	<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES 2019 CONSTRUCTION (if Applicable)
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<b>23. PROJECT OWNER'S INFORMATION</b>		
a. PROJECT OWNER City of Stuart	b. POINT OF CONTACT NAME Tim Voelker, P.E., Utilities & Engineering Director	c. POINT OF CONTACT TELEPHONE NUMBER 772.288.5332

<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>  The City of Stuart's Water Treatment Plant (WTP) is a 6.0-MGD lime softening facility with the surficial aquifer as the source of supply via 23 production wells. Kimley-Horn provided professional engineering services related to the implementation of a water treatment system for the removal of emerging contaminant perfluorinated chemicals (PFAS's), PFOA (Perfluorooctanoic Acid), and PFOS (Perfluorooctane Sulfonate) sampled and measured in the raw water supply for the City's drinking water wells. Contamination from a nearby public works facility that applied and stored firefighting foams (AFFF) was determined to be the source of the groundwater contamination, forcing the City to construct an advanced treatment system to remove these contaminants. Kimley-Horn provided the design and permitting of the largest full-scale PFAS treatment system in the United States. Kimley-Horn provided assistance preparing bid documents and construction phase services for the treatment system using ion exchange (IX) resin and granular activated carbon (GAC) topping. This 4.0/8.0-MGD AIX/GAC system was designed to treat all of the City's raw water supply.
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This project involved four different resin manufactures and was the largest ion exchange system in the United States when completed, removing PFAS's to less than 10 parts per trillion. The new water treatment system, which was designed to treat all of the City's raw water supply, had the distinction of being the first ion exchange project of its kind in Florida and the largest (up to 8.0 MGD treatment capacity) in the U.S. at the time of completion, removing PFAS contaminants to less than 10 parts per trillion.

Project Cost: \$159,500 (design);  
\$2.21 million (construction)



<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>			
a.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Project management, design, bidding, construction phase services
b.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) Orlando, FL	(3) ROLE Design
c.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) Mobile, AL	(3) ROLE Design



#### H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

Our team is characterized by our driving philosophy to provide "Exceptional Client Service." We offer a wide variety of services, all of which we have performed in the past for the City or nearby municipalities. This has created a great understanding of City preferences, methods, and regulations including its policy concerning capital improvements. Additionally, we understand it has become increasingly important for the City to manage its resources. This will create new technical, economic, and compliance challenges that we can help the City successfully overcome as outlined in this solicitation.

In Florida, more than 274 of Kimley-Horn's staff are professionally registered as civil engineers. At Kimley-Horn, our professionals are experienced in all facets of your requested services. Kimley-Horn has the in-house capabilities to satisfy any engineering need required; this depth of resources means that clients will benefit from experienced professionals who practice civil engineering for public sector clients every day. In our local offices, we have a talented group of civil engineers and support staff who have an abundance of combined experience.

Their expertise with infrastructure design and permitting in the South Florida area is a key separator to our many successful projects. We are experienced in navigating the approval process for numerous federal, state, and local agencies, including the USACE, FDEP, various water management districts, and municipal and county engineering divisions. Our engineers and environmental scientists maintain regular contact with virtually all key regulatory agencies and their decision-makers. This rich network of interpersonal relationships enables us to provide expeditious services relative to agency reviews and approvals.

Kimley-Horn understands that when you select an engineering consultant, you are really choosing people who offer you technical expertise, extensive hands-on experience with similar projects, and a demonstrated record of quality and responsiveness that will make your project a success. Kimley-Horn's culture is structured to hire and retain highly motivated employees who exude pride and enthusiasm for Kimley-Horn and the services we provide. We have organized a core team of practiced professionals to provide a high level of responsiveness to the City of Fort Lauderdale, both in terms of exceptional local interaction and support, and extensive technical experience in the disciplines you require.

We know continuing professional services contracts require a different approach from typical project-specific contracts. Each task assigned under an on-call contract will need an individualized approach that includes the various disciplines necessary to complete the assignment. We recognize that each project under the continuing services contract has its own expectations that need to be understood, and then exceeded. Through our experience on various other continuing services contracts with the City, we have developed a successful strategy for approaching each task assignment. This strategy emphasizes effective project management, creating a detailed work plan, maintaining a high level of communication, and value engineering.

Kimley-Horn is devoted to maintaining our relationship founded on trust, respect, and teamwork, and we look forward to continuing our strong partnership with the City of Fort Lauderdale. With Kimley-Horn, you can truly expect more and experience better.



#### I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE

33. NAME AND TITLE

Gary Ratay, P.E., Vice President

32. DATE

3/25/2022

**G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS**

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Gary Ratay, P.E.	Project Manager	X		X	X	X	X		X	X	
Marissa Maring, P.E.	Deputy Project Manager	X	X	X		X					
Marwan Mufleh, P.E.	Principal, Roadway		X							X	
Ignacio Lizama, P.E.	QA/QC										
John Lafferty	Transportation/Traffic										
Stefano Viola, P.E.	Environmental Engineering	X	X		X	X	X		X		
Tom Jensen, P.E.	Water Distribution	X									
Fannie Howard, P.E.	Water Distribution						X		X	X	
Juan Jimenez, P.E.	Wastewater Collection	X				X					
Samantha Graybill, P.E.	Wastewater Collection	X	X								
M. Lewis Bryant, P.E.	Pumping Facilities			X		X					
Jason Lee, P.E.	Pumping Facilities	X				X			X		
Kevin Schanen, P.E.	Pumping Facilities	X		X		X			X	X	
Stephen Romano, P.E.	Treatment Plant (WW)										
Charles Starling, P.E.	Treatment Plant (WW)										X
Lance Littrell, P.E.	Treatment Plant (Water)		X					X			X
Mark Miller, P.E.	Treatment Plant (Water)	X				X			X		X
Nicholas Black, P.E.	Treatment Plant (Water)							X			X
Jason Sheasley, P.G.	Wellfield, Contamination								X		
Jill Grimaldi	Wellfield							X			
Andrea Carpenter, P.E.	Utility Permitting			X		X		X			X
Sebastian Vittorino, P.E.	Utility Permitting, Const. Phase Services	X	X	X			X				
Carlos Florian, P.E.	Stormwater and Drainage Design	X									
Tiffany Stanton, P.E.	Stormwater and Drainage Design	X			X						
Amy Wicks, P.E.	Stormwater and Drainage Modeling				X						
Kellie Clark, P.E.	Stormwater and Drainage Modeling				X						
Matthew Brosman, P.E.	Stormwater and Drainage Modeling				X						
Maggie Giraldo, P.E.	Solid Waste, GIS	X									
William Spinner, P.G.	Contamination										
Stewart Robertson, P.E.	Traffic Planning/Traffic Engineering	X			X		X				
Adrian Dabkowski, P.E., PTOE	Traffic Planning/Traffic Engineering	X					X				
John McWilliams, P.E.	Traffic Planning/Traffic Engineering	X	X		X						
Eric Regueiro, P.E.	Roadway										
Angelina Fairchild, P.E.	Bridge/Structural									X	
Jamea Long, P.E.	Bridge/Structural									X	
Erin Emmons, GISP	Parking, GIS	X									
Madeleine Hollowed, E.I.	GIS	X									
Luis Guerra, Inspector	Construction Phase Services	X				X	X				
Avirom & Associates	Surveying				X	X	X				
TSF Geo, Inc.	Geotechnical	X	X	X	X	X	X				
InfraMap, Corp.	Subsurface Utility Exploration	X		X		X					
Bailey Engineering Consultants	Electrical/I&C/SCADA			X		X					
METCO	Mechanical Engineering										

**29. EXAMPLE PROJECTS KEY**

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Pines Village Water Main Improvements   Phase II & Septic Tank Conversion	6	North Bay Village 16-inch Force Main Rehabilitation Design-Build Project, Construction Administration
2	Wiles Road Design from Rock Island Road to US 441 (SR 7)	7	Port St. Lucie James E. Anderson Reverse Osmosis Membrane Pilot Study and Replacement at RO Water Treatment Plant
3	12412 Pump Station A-16 Upgrade (Court House DCP)	8	Jupiter 15.0-MGD Nanofiltration Water Treatment Plant Construction Phase Services
4	SW 82nd Avenue (Sub-basin 59/60) Paving and Drainage Improvements	9	24-Inch Water Main and 24-inch Force Main Subaqueous Intracoastal Crossings
5	North Bay Village Main Wastewater Pump Station Rehabilitation	10	City of Stuart Water Treatment Plant Emerging Contaminant Treatment System

1. SOLICITATION NUMBER (If any)  
12637-421

(If a firm has branch offices, complete for each specific branch office seeking work.)

## 9. EMPLOYEES BY DISCIPLINE

#### 10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS  
(Insert revenue index number shown at right)

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than \$100,000
2. \$100,000 to less than \$250,000
3. \$250,000 to less than \$500,000
4. \$500,000 to less than \$1 million
5. \$1 million to less than \$2 million
6. \$2 million to less than \$5 million
7. \$5 million to less than \$10 million
8. \$10 million to less than \$25 million
9. \$25 million to less than \$50 million
10. \$50 million or greater

The foregoing is a statement of facts.

Gary Ratay, P.E., Project Manager/Vice President



ARCHITECT – ENGINEER QUALIFICATIONS				1. SOLICITATION NUMBER (If any) 12637-421	
PART II – GENERAL QUALIFICATIONS					
(If a firm has branch offices, complete for each specific branch office seeking work.)					
2a. FIRM (OR BRANCH OFFICE) NAME <b>Kimley-Horn and Associates, Inc.</b>				3. YEAR ESTABLISHED 1968	5. DUNS NUMBER 061099131
2b. STREET 1920 Wekiva Way, Suite 200				5. OWNERSHIP	
2c. CITY West Palm Beach		2d. STATE FL	2e. ZIP CODE 33411	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Marwan H. Mufleh, P.E., Principal-in-Charge				b. SMALL BUSINESS STATUS No	
6b. TELEPHONE NUMBER 561.845.0665		6c. E-MAIL ADDRESS Marwan.Mufleh@kimley-horn.com		7. NAME OF FIRM (If block 2a is a branch office) APHC, Inc.	
8a. FORMER FIRM NAME(S) (If any)				8b. YR. ESTABLISHED	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees (1) FIRM (2) BRANCH		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
02	Administrative	376	27	A05	Airports; Nav aids; Airport Lighting; Aircraft	2
08	CADD Technicians	200	4	B02	Bridge Design	3
12	Civil Engineers	2010	43	C12	Communications Systems; TV; Microwave	5
13	Communications Engineers	30	0	D04	Design-Build - Preparation of Requests for	2
15	Construction Inspectors	15	3	E07	Energy Conservation; New Energy Sources	2
63	Design Technicians	112	4	E09	Environmental Impact Studies, Assessments	2
19	Ecologists	1	1	F05	Forensic Engineering	6
23	Environmental Engineers	10	1	G02	Gas Systems (Propane, Natural, etc.)	2
26	Forensic Engineers	3	1	H07	Highways; Streets; Airfield Paving; Parking	7
66	Graphic Designers	75	6	H09	Hospitals & Medical Facilities	3
39	Landscape Architects	166	3	I04	Intelligent Transportation Systems	3
42	Mechanical Engineers	16	3	L03	Landscape Architecture	4
47	Planners: Urban/Regional	103	1	O01	Office Building; Industrial Parks	2
48	Project Managers	152	7	P05	Planning (Community; Regional; Areawide &	3
57	Structural Engineers	84	2	P12	Power Generation, Transmission,	5
65	Technical Support	410	8	R04	Recreational Facilities (Parks; Marinas; etc.)	3
64	Technical Writers	157	8	R13	Roadway Design	2
58	Technician/Analysts	1017	21	S04	Sewage Collection, Treatment & Disposal	5
60	Transportation Engineers	354	6	S13	Stormwater Handling & Facilities	2
62	Water Resources Engineers	101	4	T03	Traffic & Transportation Engineering	6
	Other Employees	162	0	W02	Water Resources; Hydrology; Ground Water	4
	<b>Total</b>	5554	153	W03	Water Supply; Treatment and Distribution	6

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	3	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	9	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	9	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE		
The foregoing is a statement of facts.		
a. SIGNATURE 	c. DATE 3/25/2022	
c. NAME AND TITLE Gary Ratay, P.E., Project Manager/Vice President		

[illegible]

1. SOLICITATION NUMBER (If any)  
12637-421

(If a firm has branch offices, complete for each specific branch office seeking work.)

## 9. EMPLOYEES BY DISCIPLINE

#### 10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS  
(Insert revenue index number shown at right)

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than \$100,000
2. \$100,000 to less than \$250,000
3. \$250,000 to less than \$500,000
4. \$500,000 to less than \$1 million
5. \$1 million to less than \$2 million
6. \$2 million to less than \$5 million
7. \$5 million to less than \$10 million
8. \$10 million to less than \$25 million
9. \$25 million to less than \$50 million
10. \$50 million or greater

The foregoing is a statement of facts.

Gary Ratay, P.E., Project Manager/Vice President

# ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)  
12637-421

## PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME <b>Kimley-Horn and Associates, Inc.</b>			3. YEAR ESTABLISHED 1980	8. DUNS NUMBER 061099131
2b. STREET 189 South Orange Avenue, Ste. 1000			5. OWNERSHIP	
2c. CITY Orlando	2d. STATE FL	2e. ZIP CODE 32801	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Lance Littrell, P.E., Civil Engineer			b. SMALL BUSINESS STATUS No	
6b. TELEPHONE NUMBER 407.898.1511		6c. E-MAIL ADDRESS lance.littrell@kimley-horn.com		
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED	8c. DUNS NUMBER

### 9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM (2) BRANCH	
62	Water Resources Engineers	101	0
02	Administrative	376	27
08	CADD Technicians	200	5
12	Civil Engineers	2010	84
63	Design Technicians	112	4
67	Environmental Planners	28	0
30	Geologists	4	0
66	Graphic Designers	75	3
39	Landscape Architects	166	6
42	Mechanical Engineers	16	1
47	Planners: Urban/Regional	103	3
48	Project Managers	152	6
57	Structural Engineers	84	2
65	Technical Support	410	23
64	Technical Writers	157	21
58	Technician/Analysts	1018	29
60	Transportation Engineers	354	7
	Other Employees	189	0
<b>Total</b>		<b>5555</b>	<b>221</b>

### 10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number (see below)
B02	Bridge Design	1
A05	Airports; Navajids; Airport Lighting; Aircraft	6
A06	Airports; Terminals; & Hangars; Freight	6
C10	Commercial Building; (low rise); Shopping	6
E02	Educational Facilities; Classrooms	3
F05	Forensic Engineering	4
H07	Highways; Streets; Airfield Paving; Parking	6
H09	Hospitals & Medical Facilities	3
H10	Hotels; Motels	4
H11	Housing (Residential, Multifamily,	6
L03	Landscape Architecture	3
O01	Office Building; Industrial Parks	4
P05	Planning (Community; Regional; Areawide &	2
P12	Power Generation, Transmission,	2
R03	Railroad and Rapid Transit	2
R04	Recreational Facilities (Parks; Marinas; etc.)	5
S04	Sewage Collection, Treatment & Disposal	4
S13	Stormwater Handling & Facilities	1
T03	Traffic & Transportation Engineering	6
U02	Urban Renewals; Community Development	5
W02	Water Resources; Hydrology; Ground Water	3
W03	Water Supply; Treatment and Distribution	5

### 11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)

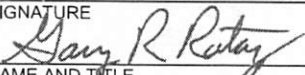
a. Federal Work	1
b. Non-Federal Work	9
c. Total Work	9

### PROFESSIONAL SERVICES REVENUE INDEX NUMBER

- |   |   |
|---|---|
| 1. Less than \$100,000                  | 6. \$2 million to less than \$5 million   |
| 2. \$100,000 to less than \$250,000     | 7. \$5 million to less than \$10 million  |
| 3. \$250,000 to less than \$500,000     | 8. \$10 million to less than \$25 million |
| 4. \$500,000 to less than \$1 million   | 9. \$25 million to less than \$50 million |
| 5. \$1 million to less than \$2 million | 10. \$50 million or greater               |

### 12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	f. DATE 3/25/2022
c. NAME AND TITLE Gary Ratay, P.E., Project Manager/Vice President	

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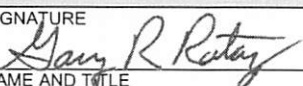


ARCHITECT – ENGINEER QUALIFICATIONS				1. SOLICITATION NUMBER (If any) 12637-421	
PART II – GENERAL QUALIFICATIONS (If a firm has branch offices, complete for each specific branch office seeking work.)					
2a. FIRM (OR BRANCH OFFICE) NAME <b>Kimley-Horn and Associates, Inc.</b>				3. YEAR ESTABLISHED 1996	
				9. DUNS NUMBER 061099131	
2b. STREET 12740 Gran Bay Parkway West, Suite 2350				5. OWNERSHIP	
2c. CITY Jacksonville		2d. STATE FL	2e. ZIP CODE 32258	a. TYPE Corporation	
				b. SMALL BUSINESS STATUS No	
6a. POINT OF CONTACT NAME AND TITLE Jason Sheasley, P.G., Hydrogeologist				7. NAME OF FIRM (If block 2a is a branch office) APHC, Inc.	
6b. TELEPHONE NUMBER 904.828.3900		6c. E-MAIL ADDRESS Jason.Sheasley@kimley-horn.com			
8a. FORMER FIRM NAME(S) (If any)				8b. YR. ESTABLISHED	
				8c. DUNS NUMBER	

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees (1) FIRM (2) BRANCH		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
02	Administrative	376	5	A06	Airports; Terminals; & Hangars; Freight	1
08	CADD Technicians	200	2	C10	Commercial Building; (low rise); Shopping	4
12	Civil Engineers	2010	19	C12	Communications Systems; TV; Microwave	1
63	Design Technicians	112	2	C11	Community Facilities	2
30	Geologists	4	1	C15	Construction Management	2
34	Hydrologists	7	1	E02	Educational Facilities; Classrooms	1
39	Landscape Architects	166	2	E07	Energy Conservation; New Energy Sources	1
47	Planners: Urban/Regional	103	1	E11	Environmental Planning	4
48	Project Managers	152	2	H07	Highways; Streets; Airfield Paving; Parking	5
65	Technical Support	410	5	H09	Hospitals & Medical Facilities	2
58	Technician/Analysts	1018	9	H10	Hotels; Motels	2
60	Transportation Engineers	354	4	H11	Housing (Residential, Multifamily,	5
				L03	Landscape Architecture	4
				O01	Office Building; Industrial Parks	4
				P05	Planning (Community; Regional; Areawide &	2
				R03	Railroad and Rapid Transit	3
				R04	Recreational Facilities (Parks; Marinas; etc.)	3
				S01	Safety Engineering; Accident Studies; OSHA	4
				S04	Sewage Collection, Treatment & Disposal	2
				S07	Solid Wastes; Incineration; Landfill	1
				T03	Traffic & Transportation Engineering	5
				U02	Urban Renewals; Community Development	4
	Other Employees	643	3			
	<b>Total</b>	5555	56			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	1	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	8	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	8	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.	
a. SIGNATURE 	g. DATE 3/25/2022
c. NAME AND TITLE Gary Ratay, P.E., Project Manager/Vice President	

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STANDARD FORM 330 (REV. 7/2021) PAGE 6



1. SOLICITATION NUMBER (If any)  
12637-421

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME <b>Kimley-Horn and Associates, Inc.</b>		3. YEAR ESTABLISHED 1978		11.DUNS NUMBER 061099131	
2b. STREET 655 North Franklin Street, Suite 150		5. OWNERSHIP			
2c. CITY Tampa		2d. STATE FL		2e. ZIP CODE 33602-4447	
6a. POINT OF CONTACT NAME AND TITLE Richard Browne, Environmental Scientist		a. TYPE Corporation			
6b. TELEPHONE NUMBER 813.620.1460		b. SMALL BUSINESS STATUS No			
6c. E-MAIL ADDRESS rick.browne@kimley-horn.com		7. NAME OF FIRM (If block 2a is a branch office) APHC, Inc.			
8a. FORMER FIRM NAME(S) (If any)		8b. YR. ESTABLISHED		8c. DUNS NUMBER	

#### 10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

[illegible]

ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Profile Code	b. Experience	c. Revenue Index Number (see below)
A05	Airports; Navaisds; Airport Lighting; Aircraft	6
A06	Airports; Terminals; & Hangars; Freight	2
C10	Commercial Building; (low rise); Shopping	6
C12	Communications Systems; TV; Microwave	5
C11	Community Facilities	2
E02	Educational Facilities; Classrooms	2
E11	Environmental Planning	3
H07	Highways; Streets; Airfield Paving; Parking	5
H09	Hospitals & Medical Facilities	2
H10	Hotels; Motels	2
H11	Housing (Residential, Multifamily,	4
I04	Intelligent Transportation Systems	2
L03	Landscape Architecture	3
O01	Office Building; Industrial Parks	3
P05	Planning (Community; Regional; Areawide &	2
R03	Railroad and Rapid Transit	3
R13	Roadway Design	1
R04	Recreational Facilities (Parks; Marinas; etc.)	3
S04	Sewage Collection, Treatment & Disposal	4
T03	Traffic & Transportation Engineering	5
U02	Urban Renewals; Community Development	4
R07	Remote Sensing	2


11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS  
(Insert revenue index number shown at right)

a. Federal Work	1
b. Non-Federal Work	8
<b>c. Total Work</b>	<b>8</b>

## PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than \$100,000
2. \$100,000 to less than \$250,000
3. \$250,000 to less than \$500,000
4. \$500,000 to less than \$1 million
5. \$1 million to less than \$2 million
6. \$2 million to less than \$5 million
7. \$5 million to less than \$10 million
8. \$10 million to less than \$25 million
9. \$25 million to less than \$50 million
10. \$50 million or greater

The foregoing is a statement of facts.

a. SIGNATURE	i. DATE
	3/25/2022
c. NAME AND TITLE	

Gary Ratay, P.E., Project Manager/Vice President



1. SOLICITATION NUMBER (If any)  
12637-421

(If a firm has branch offices, complete for each specific branch office seeking work.)

The foregoing is a statement of facts.

c. NAME AND TITLE

Stephen E. Bailey, P.E., President



# ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (if any)

## PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME Metco Services Southeast, LLC			3. YEAR ESTABLISHED 2008	4. DUNS NUMBER 82-9792832
2b. STREET 800 W. Cypress Creek Road, Suite 501			5. OWNERSHIP a. TYPE LLC	
2c. CITY Fort Lauderdale	2d. STATE FL	2e. ZIP CODE 33309	b. SMALL BUSINESS STATUS SBE	
6a. POINT OF CONTACT NAME AND TITLE Rajaram Vijayendran, PE – General Manager			7. NAME OF FIRM (if block 2a is branch office)	
6b. TELEPHONE NUMBER 954-523-10101		6c. E-MAIL ADDRESS rsantos@metcosoutheast.com		

8a. FORMER FIRM NAME(S) (If any)

8b. YR. ESTABLISHED

8c. DUNS NUMBER

### 9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees	
		(1) FIRM	(2) BRANCH
02	Administrative	2	
08	Cadd Technician	2	
12	Civil Engineer	1	
15	Construction Inspector	1	
21	Electrical Engineer	3	
42	Mechanical Engineer	1	
48	Project Manager	1	
	Other Employees		
	<b>Total</b>	<b>11</b>	

### 10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number (see below)
E03	Electrical Studies & Design	1
H04	HVAC	1
L05	Lighting (Interior, Display, etc.)	1
L06	Lighting (Exterior, streets, etc.)	1
O01	Office Buildings, Industrial Park	1
P07	Plumbing & Piping Design	1
R06	Rehabilitation (Buildings, Structures, Facilities)	1
S02	Security Systems, Intruder & Smoke Detectors	1
S04	Sewage Collection, Treatment & Disposal	1
W03	Water Supply, Treatment & Distribution	2

### 11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	
b. Non-Federal Work	4
c. Total Work	4

### PROFESSIONAL SERVICES REVENUE INDEX NUMBER

- |   |   |
|---|---|
| 1. Less than \$100,000                  | 6. \$2 million to less than \$5 million   |
| 2. \$100,000 to less than \$250,000     | 7. \$5 million to less than \$10 million  |
| 3. \$250,000 to less than \$500,000     | 8. \$10 million to less than \$25 million |
| 4. \$500,000 to less than \$1 million   | 9. \$25 million to less than \$50 million |
| 5. \$1 million to less than \$2 million | 10. \$50 million or greater               |

### 12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE



b. DATE

March 10, 2022

c. NAME AND TITLE

Rosana Santos, Sr. Administrative Officer

**12637-421**

*(If a firm has branch offices, complete for each specific branch office seeking work.)*

**12. AUTHORIZED REPRESENTATIVE**  
The foregoing is a statement of facts.





## Licenses

### Kimley-Horn Licenses

THE OFFICIAL SITE OF THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION

dbpr Department of Business & Professional Regulation

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**LICENSEE DETAILS**

**Licensee Information**

Name: KIMLEY-HORN AND ASSOCIATES, INC. (Primary Name)  
KIMLEY-HORN AND ASSOCIATES, INC. (DBA Name)  
Main Address: 421 FAYETTEVILLE STREET  
SUITE 600  
RALEIGH North Carolina 27601  
County: OUT OF STATE

**License Information**

License Type: Registry  
Rank: Registry  
License Number: 35106  
Status: Current  
Licensure Date: 05/10/2021  
Expires:

**State of Florida**  
**Department of State**

I certify from the records of this office that KIMLEY-HORN AND ASSOCIATES, INC. is a North Carolina corporation authorized to transact business in the State of Florida, qualified on April 24, 1968.

The document number of this corporation is 821359.

I further certify that said corporation has paid all fees due this office through December 31, 2021, that its most recent annual report uniform business report was filed on April 24, 2021, and that its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Twenty-sixth day of April, 2021.

  
*Randy M. Pelt*  
Secretary of State

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**Licensee**

Name: KIMLEY-HORN AND ASSOCIATES INC  
Rank: Landscape Architecture Business Info  
Primary Status: Current  
Secondary Status: Active  
License Number: LA0001428  
Status: Current  
Related Party: MINGONET, MILTON SCOTT DBA KIMLEY-HORN AND ASSOCIATES INC  
Relationship Type: Landscape Architect  
Relation Effective Date: 06/19/2020  
Rank: Registered  
Expiration Date: 11/30/2023

### Kimley-Horn Staff Licenses

STATE OF FLORIDA

FBPE

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER LICENSE IS LICENSED UNDER THE PROFESSIONAL ENGINEER CHAPTER 471, F.S. (F.S. 471.01-471.11)

**RATAY, GARY R**  
JAMES M. ANDERSON  
DOCA/EX/TON FL 22196

LICENSE NUMBER: PE46662  
EXPIRATION DATE: FEBRUARY 28, 2023

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STATE OF FLORIDA

FBPE

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER LICENSE IS LICENSED UNDER THE PROFESSIONAL ENGINEER CHAPTER 471, F.S. (F.S. 471.01-471.11)

**MUFLEH, MARWAN HASHEM**  
JAMES M. ANDERSON  
DOCA/EX/TON FL 22120000

LICENSE NUMBER: PE43329  
EXPIRATION DATE: FEBRUARY 28, 2023

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ENVISION

**IGNACIO LIZAMA, P.E.**  
ENV SP

ENVISION 305 SUSTAINABILITY PROFESSIONAL

# City of Fort Lauderdale Civil Engineering Continuing Services Contract

RFQ #12637-431

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**Licensee Information**

Licensee Name: **LIZAMA, IGNACIO LUIS (Primary Name)**  
Main Address: **4400 PONCE DE LEON BLVD SUITE 730 CORAL GABLES, FLORIDA 33146**  
City: **DADE**  
County: **DADE**  
License Number: **PE06355**  
Expiration Date: **02/28/2023**

**License Information**

License Type: **Professional Engineer**  
Status: **Prof Engineer**  
Current/Active: **Current/Active**  
Expiration Date: **02/28/2023**

**Licensee Details**

**License Information**

Licensee Name: **JIMENEZ, JUAN C. (Primary Name)**  
Main Address: **4435 6TH PL NE WASHINGTON DISTRICT OF COLUMBIA 20017**  
County: **OUT OF STATE**  
License Number: **4435 6TH PL NE WASHINGTON DC 20017**  
Expiration Date: **OUT OF STATE**

**License Information**

License Type: **Professional Engineer**  
Status: **Prof Engineer**  
Current/Active: **Current/Active**  
Expiration Date: **02/28/2023**

**Special Qualifications**

Mechanical: **06/20/2009**

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

**MARINO, MARISSA SUE**  
215 N. HOWARD DRIVE EAST  
DADE COUNTY, FL 33101

LICENSE NUMBER: PE06355  
EXPIRATION DATE: FEBRUARY 28, 2023

Always verify license status at [www.fsbpe.com](http://www.fsbpe.com)

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STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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**JENSEN, THOMAS CARL**  
3645 ITALIAN CYPRESS WAY  
WILMINGTON, NC 28414

LICENSE NUMBER: PE07290  
EXPIRATION DATE: FEBRUARY 28, 2023

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STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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**HOWARD, FANNIE HUNTER**  
1920 INDEPENDENT WAY  
WILMINGTON, NC 28414

LICENSE NUMBER: PE07290  
EXPIRATION DATE: FEBRUARY 28, 2023

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STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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**GRAYBILL, SAMANTHA CIMINELLO**  
1424 RICHMOND DRIVE  
WILMINGTON, NC 28414

LICENSE NUMBER: PE07290  
EXPIRATION DATE: FEBRUARY 28, 2023

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STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

**BRYANT, MALCOLM LEWIS**  
1424 RICHMOND DRIVE  
WILMINGTON, NC 28414

LICENSE NUMBER: PE07290  
EXPIRATION DATE: FEBRUARY 28, 2023

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STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

**LEE, JASON R.**  
1424 RICHMOND DRIVE  
WILMINGTON, NC 28414

LICENSE NUMBER: PE07290  
EXPIRATION DATE: FEBRUARY 28, 2023

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STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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**MUFLER, MARWAN HASHEM**  
11475 TIMBERWOOD RD  
DADE COUNTY, FL 33160

LICENSE NUMBER: PE06355  
EXPIRATION DATE: FEBRUARY 28, 2023

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STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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**REGUIRO, ERIC**  
1424 RICHMOND DRIVE  
WILMINGTON, NC 28414

LICENSE NUMBER: PE07290  
EXPIRATION DATE: FEBRUARY 28, 2023

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STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL GEOLOGISTS

THE PROFESSIONAL GEOLOGIST IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

**SPINNER, WILLIAM THOMAS**  
1424 RICHMOND DRIVE  
WILMINGTON, NC 28414

LICENSE NUMBER: PG00001  
EXPIRATION DATE: JULY 31, 2023

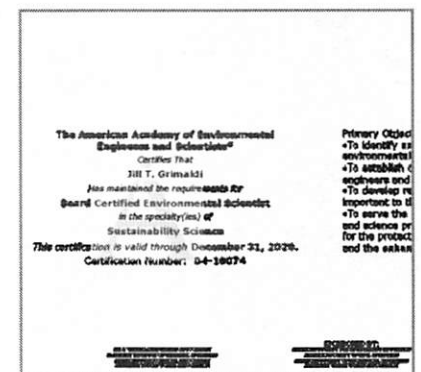
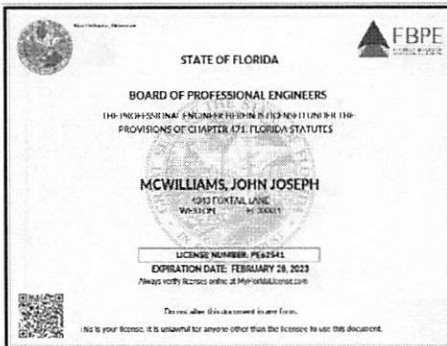
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# City of Fort Lauderdale Civil Engineering Continuing Services Contract

RFQ #12637-421

## Kimley-Horn Staff Licenses

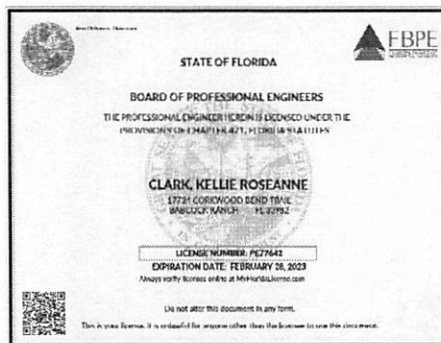
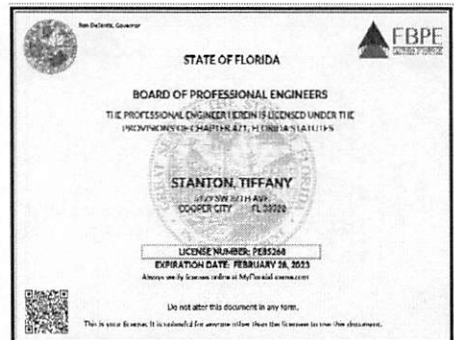
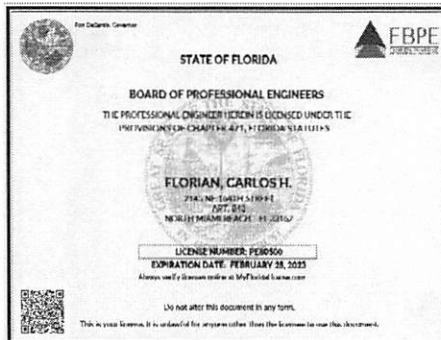


Licensee Details	
Licensee Information	
Name:	STARLING, CHARLES HENRY (Primary Name)
Mail Address:	PO BOX 675 MONTROSE Alabama 36559
County:	OUT OF STATE
License Mailing:	
License Location:	
License Information	
License Type:	Professional Engineer
Rank:	Professional Engineer
License Number:	051647
Status:	Current/Active
License Date:	08/19/2017
Expires:	02/28/2023





## Kimley-Horn Staff Licenses



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File a Complaint  
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Lost Search

**License Details**  
**License Information**  
Name: GERALDO, MARGARITA ROSA (Primary Name)  
Main Address: 355 ALHAMBRA CIRCLE SUITE 1400 CORAL GABLES Florida 33134  
County: DADE  
License History:  
License Information:  
**License Information**  
License Type: Professional Engineer  
Basic: 37430  
Status: Current/Active  
License Date: 06/01/2016  
Expires: 02/28/2023

**GIS Certification Institute**

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REGISTER FOR THE GIS CERTIFICATION EXAM

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GIS Institute - GIS Certification Institute (GISCI) is a leading provider of GIS education and training.  
We strive to make the certification process as easy as possible. Please contact us if you have any questions.  
We will be happy to help you with the process.

First Name: Last Name: Email: Phone: Title: Expiration Date: 10/24/2023



## Inframap, Corp. Licenses

**State of Florida**  
**Department of State**

I certify from the records of this office that INFRAMAP CORP. is a Delaware corporation authorized to transact business in the State of Florida, qualified on October 6, 1994.

The document number of this corporation is P9400005189.

I further certify that said corporation has paid all fees due this office through December 31, 2021, that its most recent annual report/uniform business report was filed on January 13, 2021, and that its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Twenty-eighth day of January, 2021.

  
*Randy Abee*  
Secretary of State

Tracking Number: 1188241994-1  
To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.  
<https://services.mahla.org/Filing/CertificateOfStatus/CertificateAuthentication>

Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Parkway Tallahassee, Florida 32399-6500

License No. **LS7222**  
Expiration Date: February 28, 2023

**Professional Surveyor and Mapper License**  
Under the provisions of Chapter 472, Florida Statutes

LIZ B REUMANN  
6375 NW TOPAZ CT  
PORT SAINT LUCIE, FL 34986-1822

*Nicole Gried*  
NICOLE "NIKKI" FRIED  
COMMISSIONER OF AGRICULTURE

Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Parkway Tallahassee, Florida 32399-6500

License No. **LB6666**  
Expiration Date: February 28, 2023

**Professional Surveyor and Mapper Business License**  
Under the provisions of Chapter 472, Florida Statutes

INFRAMAP CORP  
1100 N FLORIDA MANGO RD STE D  
WEST PALM BEACH, FL 33409-6263

*Nicole Gried*  
NICOLE "NIKKI" FRIED  
COMMISSIONER OF AGRICULTURE

## Avirom & Associates

Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Parkway Tallahassee, Florida 32399-6500

License No. **LB3300**  
Expiration Date: February 28, 2023

**Professional Surveyor and Mapper Business License**  
Under the provisions of Chapter 472, Florida Statutes

AVIROM & ASSOCIATES INC  
50 SW 2ND AVE #102  
BOCA RATON, FL 33432-4799

*Nicole Gried*  
NICOLE "NIKKI" FRIED  
COMMISSIONER OF AGRICULTURE

Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Parkway Tallahassee, Florida 32399-6500

License No. **LS7253**  
Expiration Date: February 28, 2023

**Professional Surveyor and Mapper License**  
Under the provisions of Chapter 472, Florida Statutes

MICHAEL J AVIROM  
441 NE 28 TERRACE  
BOCA RATON, FL 33431

*Nicole Gried*  
NICOLE "NIKKI" FRIED  
COMMISSIONER OF AGRICULTURE

## State of Florida

Department of State

I certify from the records of this office that AVIROM & ASSOCIATES, INC. is a corporation organized under the laws of the State of Florida, filed on July 1, 1981.

The document number of this corporation is 693023.

I further certify that said corporation has paid all fees due this office through December 31, 2022, that its most recent annual report/uniform business report was filed on January 23, 2022, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Twenty-fifth day of January, 2022.



*Randy Abee*  
Secretary of State

Tracking Number: 621770276C  
To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.  
<https://services.mahla.org/Filing/CertificateOfStatus/CertificateAuthentication>

## METCO Licenses

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

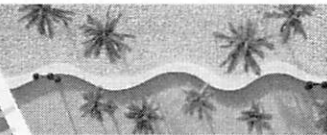
THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

**ROSARIO, LUIS**  
3339 SEASIDE LOOP  
WESLEY CHAPEL, FL 33544

LICENSE NUMBER: PE71547  
EXPIRATION DATE: FEBRUARY 28, 2023  
Always verify licenses online at MyFloridaLicense.com

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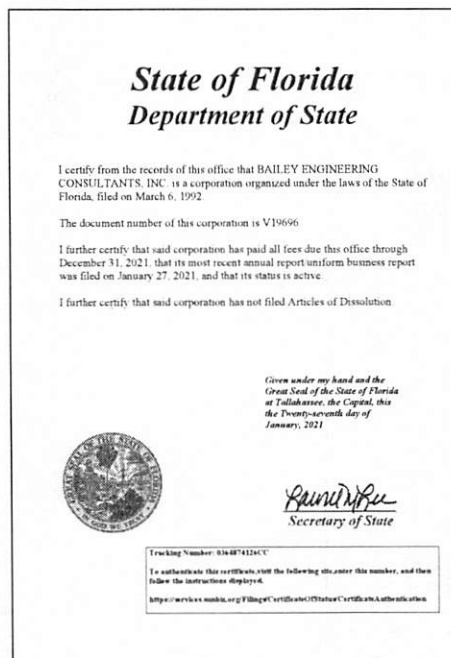
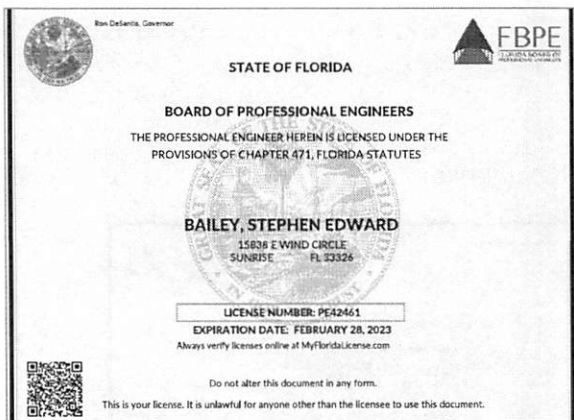




**Tierra South Florida, Inc. Licenses**



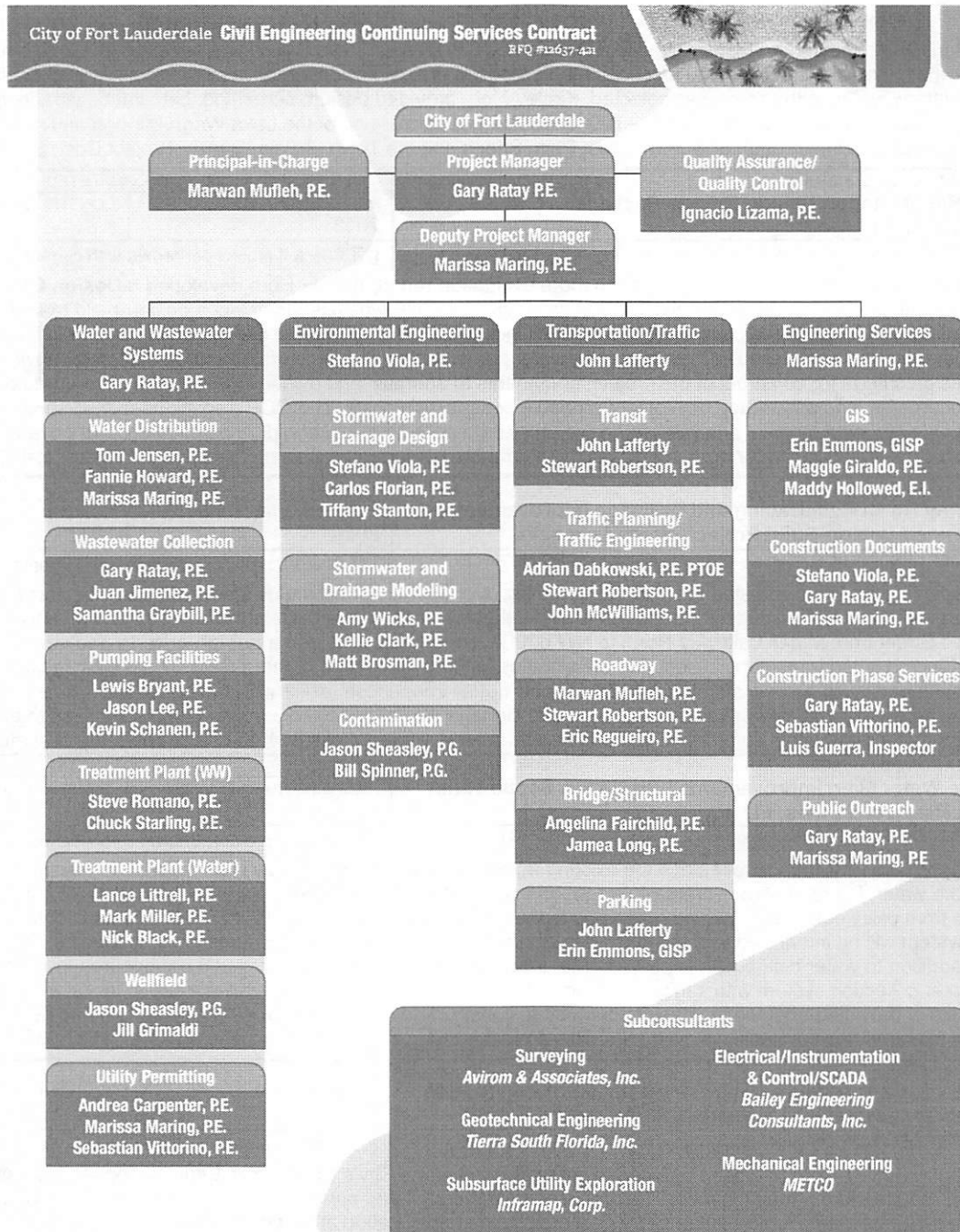
**Bailey Engineering Consultants, Inc. Licenses**



## 4.2.4 Qualifications of the Project Team

Kimley-Horn understands the value of assembling a strong project team; consequently, the following team members have been strategically selected to serve the City. Project manager **Gary Ratay, P.E.**, deputy project manager **Marissa Maring, P.E.**, and their assigned staff can provide all the necessary engineering services required for this RFQ. The organization chart below highlights our team structure, range of disciplines, and defines relationships among tasks. Brief resumes for our team members are provided following the organization chart.

### Organizational Chart



# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>Gary Ratay, P.E.</b>	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE a. TOTAL 35 b. WITH CURRENT FIRM 25	
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Mechanical Engineering		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL/Professional Engineer/46682	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Florida Engineering Society, National Society of Professional Engineers (NSPE)			

## **19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>24-Inch Water Main and 24-inch Force Main Subaqueous Intracoastal Crossings, West Palm Beach, FL</b>	PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable) 2012
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE As a result of FDOT relocating the Flagler Memorial Bridge, the City of West Palm Beach was required to relocate an existing 24-inch water main that conflicted with the location of the proposed bridge. Four alternatives were evaluated to cross the Intracoastal Waterway. Once the route was selected, Kimley-Horn provided design, permitting, bid, and construction phase services for the project. The design included a 2,700-foot subaqueous crossing of the Lake Worth Lagoon and more than 1,000 linear feet of upland pipeline through downtown West Palm Beach and the Town of Palm Beach. Project Cost: \$4.1M	[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <b>Force Main Rehabilitation Design Criteria Package North Bay Village, FL</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2013	
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Based on an approved force main route evaluation report, Kimley-Horn developed a <b>Design Criteria Package (DCP)</b> for the City's force main rehabilitation program. The DCP was used to select a design-build team for construction of the City's new force main system. The DCP included schematic design drawings for the remaining open-cut force main route, hydraulic modeling of the main wastewater pump station and force main system, design for environmental permitting, design criteria for construct of the project, documents to address land ownership issues, design-build contracts or "front end" documents, and associated opinions of probable construction costs. The DCP also included field survey, environmental survey, geotechnical analysis, extensive utility data collection, stakeholder coordination, and governmental coordination, including a wastewater agreement with the Miami-Dade Water and Sewer Department. Project Cost: \$4.5M	[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <b>Miami Lakeway North Resurfacing and Drainage Improvements, A Federally-Funded Design-Build Project, Miami Lakes, FL</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2010	
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn assisted the Town in obtaining over \$600,000 in stimulus funding to construct this roadway and drainage improvement project including a portion of Miami Lakeway North between Celebration Point and Miami Lakes Drive and NW 153rd Street from Miami Lakeway North to NW 60th Avenue. We developed a <b>design criteria package</b> in compliance with Federal funding criteria, resulting in securing the stimulus funding and award of the project. The project included drainage system improvements such as new stormwater inlets, a new outfall connection, exfiltration trench for water quantity and quality treatment, new sidewalk, and new pavement markings and signage. We provided construction phase services to expedite the project and confirm it was built in compliance with the design criteria. Project Cost: \$640,000 less \$600,000 of stimulus funding.	[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <b>Pines Village Water Main Improvements   Phase II &amp; Septic Tank Conversion, Pembroke Pines, FL</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing	
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. The City intends to replace the existing aging infrastructure with a new water distribution system to provide reliable potable water, improved fire hydrant coverage, and new water services. The intent is to relocate the existing infrastructure from utility easements behind properties to the public right-of-way for front of property connections. The new distribution system will be integrated with the surrounding infrastructure including improvements completed as part of a Phase I program. In addition to water distribution improvements, a portion of the Pines Village Phase II project area includes installing a new wastewater collection system with sanitary manholes to allow property owners to eliminate septic tanks. In general, the project consists of providing engineering design, permitting, construction documents, bidding assistance, and post design services to implement these project improvements. This project is still currently in design. Project Cost: \$997,000	[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <b>Pump Station C-1 &amp; C-2 Replacement (P12410) and Pump Station A-16 Upgrade (P12412), Fort Lauderdale, FL</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing	
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn has been retained to improve three of the City's wastewater pump stations to increase system efficiency and reduce system maintenance. The proposed improvement and pump station locations are as follows: 1. Replacement of Wastewater Pump Station C-1 with a new submersible station at Riverland Road and Okeechobee Lane, 2. Replacement of Wastewater Pump Station C-2 with a new submersible station at SW 37th Terrace and Fairfax Drive, and 3. Rehabilitation and Upgrade of the existing dry pit/wetwell Wastewater Pump Station A-16 at SE 4th Avenue and SE 11th Street. Pump Station A-16 includes new forcemain piping installed with HDD technology. Project Cost: \$29,805	[X] Check if project performed with current firm	



# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

<b>12. NAME</b> <b>Marissa Maring, P.E.</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Deputy Project Manager</b>	<b>14. YEARS EXPERIENCE</b> <table border="1"> <tr> <td>a. TOTAL 8</td> <td>b. WITH CURRENT FIRM 5</td> </tr> </table>		a. TOTAL 8	b. WITH CURRENT FIRM 5
a. TOTAL 8	b. WITH CURRENT FIRM 5				
<b>15. FIRM NAME AND LOCATION (City and State)</b> <b>Kimley-Horn and Associates, Inc., Plantation, FL</b>					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> <b>Bachelor of Science / Environmental Engineering</b>		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> <b>FL/Professional Engineer/84325</b>			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> <b>American Public Works Association (APWA) / American Water Works Association (AWWA) / Florida Water Environment Association (FWEA), Southeast Florida Utility Council (SEFLUC)</b>					

## **19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a.	<b>Fort Lauderdale Executive Airport Master Drainage/Conceptual Environmental Resources Permit Project, Fort Lauderdale, FL</b> <b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Project engineer for development of design, permitting, and construction phase services for the rehabilitation of the City's main wastewater pump station. The project included analyzing the existing pumping and control equipment to evaluate present operating parameters and to develop a rehabilitation approach to increase system efficiency, reduce system maintenance, and provide a reliable, redundant pump station to better serve the City. Existing shaft driven wastewater pumps were converted to submersible pumps for use in a dry pit area and the complete control system was upgraded including a new Citywide SCADA system. The design approach required construction coordination and planning to keep the existing station in service during the rehabilitation and service upgrade process. Project Cost: \$383,000	<b>PROFESSIONAL SERVICES</b> Ongoing	<b>CONSTRUCTION (If Applicable)</b> N/A
b.	<b>Pump Station C-1 &amp; C-2 Replacement (P12410) and Pump Station A-16 Upgrade (P12412), Fort Lauderdale, FL</b> <b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Project Engineer. Kimley-Horn has been retained to improve three of the City's existing wastewater pump stations to improve system performance, increase system efficiency, and reduce system maintenance. The proposed improvement and pump station locations are as follows: 1. Replacement of Wastewater Pump Station C-1 with a new submersible station at River-land Road and Okeechobee Lane, 2. Replacement of Wastewater Pump Station C-2 with a new submersible station at SW 37th Terrace and Fairfax Drive, and 3. Rehabilitation and Upgrade of the existing dry pit/wetwell Wastewater Pump Station A-16 including new forcemain piping installed with HDD technology. Project Cost: \$29,805	<b>PROFESSIONAL SERVICES</b> Ongoing	<b>CONSTRUCTION (If Applicable)</b> N/A
c.	<b>Water Main Rehabilitation North Miami, FL</b> <b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Project engineer. The City retained Kimley-Horn to provide engineering design, permitting, construction documents, and bidding assistance to upgrade 7,600 LF of existing 6" water main with 12" and 8" water main along NE 6th Avenue, NW 18th Street, NW 7th Avenue, and West Biscayne Canal Road. Project Cost: \$990,000	<b>PROFESSIONAL SERVICES</b> Ongoing	<b>CONSTRUCTION (If applicable)</b> N/A
d.	<b>Pines Village Water Main Improvements   Phase II &amp; Septic Tank Conversion, Pembroke Pines, FL</b> <b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Project engineer. The City intends to replace the existing aging infrastructure with a new water distribution system to provide reliable potable water, improved fire hydrant coverage, and new water services. The intent is to relocate the existing infrastructure from utility easements behind properties to the public right-of-way for front of property connections. The new distribution system will be integrated with the surrounding infrastructure including improvements completed as part of a Phase I program. In addition to water distribution improvements, a portion of the Pines Village Phase II project area includes installing a new wastewater collection system with sanitary manholes to allow property owners to eliminate septic tanks. In general, the project consists of providing engineering design, permitting, construction documents, bidding assistance, and post design services to implement these project improvements. This project is still currently in design. Project Cost: \$997,000	<b>PROFESSIONAL SERVICES</b> Ongoing	<b>CONSTRUCTION (If Applicable)</b> 2020
e.	<b>Wiles Road Design from Rock Island Road to US 441 (SR 7) Coral Springs, FL</b> <b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Project engineer. Broward County implemented road improvements for the widening of Wiles Road a 6-lane divided urban arterial from Rock Island Road to US 441 (SR 7). As part of the roadway improvements the City of Coral Springs was required to relocate approximately 2,100 LF of 8", 12", and 16" watermain along with 1,400 LF of 8" and 10" forcemain throughout the corridor. The City of Coral Springs selected Kimley-Horn to prepare the utility relocation plans. Kimley-Horn prepared construction documents, permitted, and provided post design services for this project while working closely with the City, County and County's roadway design firm to ensure that little to no interruptions of the end users' services occurred. This project was designed in 2015 and construction was completed in 2017. Project Cost: \$1.1M	<b>PROFESSIONAL SERVICES</b> 2015	<b>CONSTRUCTION (If Applicable)</b> 2018

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Marwan Mufleh, P.E.</b>		13. ROLE IN THIS CONTRACT Principal, Roadway		14. YEARS EXPERIENCE	
				a. TOTAL 33	b. WITH CURRENT FIRM 18
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., West Palm Beach, FL					
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Civil Engineering			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL/Professional Engineer/45329		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers (ASCE), American Society of Highway Engineers (ASHE), Florida Engineering Society					

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	<b>Apollo Beach Boulevard Extension/I-75 Flyover Hillsborough County, FL</b>	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Environmental Scientist. Kimley-Horn is designing the extension of Apollo Beach Boulevard from US 41 to Paseo al Mar Boulevard that will result in a 4-lane facility including the bridge over I-75 to the eastern limits of the conservation easement or approach tie-down. This work effort includes alignment and traffic studies; surveying; geotechnical exploration, testing, and analysis; preparing engineering reports with right-of-way maps and environmental documentation incorporating roadway, stormwater detention, and wetland mitigation requirements; permitting requirements; and determination of right-of-way requirements. Project Cost: \$2.5 million		
b.	<b>Las Olas Boulevard and Colee Hammock Neighborhood Traffic Calming, Fort Lauderdale, FL</b>	2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Project Manager. Kimley-Horn assisted the City with preliminary designs for the reconfiguration of Las Olas Boulevard. Our services also addressed traffic circulation, safety, multimodal mobility, and quality-of-life issues along the Las Olas Boulevard corridor. The project also included a traffic calming study for the Colee Hammock neighborhood. Improvements included enhanced crosswalks, raised intersection, and warning lights for improved safety. Project Cost: \$153,262		
c.	<b>Lowson Boulevard Roadway Improvements Delray, FL</b>	2020	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Project Manager. Kimley-Horn was selected by the City of Delray Beach to provide professional engineering services to assist with the initial design and final design of the roadway improvements to Lowson Boulevard between Dover Road and S.E. 5th Avenue. The project included shared-use paths for pedestrians and cyclists and other improvements for a 2.5-mile segment of the roadway. In addition, the project included intensive public involvement, coordination with TPA and FDOT, shared-use paths, paving and drainage improvements, curbing, signing and pavement marking, two railroad at-grade crossings, signal modifications, and lighting improvements. Project Cost: \$7 million (construction)		
d.	<b>SR A1A Complete Streets Design Hollywood, FL</b>	2021	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Project Manager. Kimley-Horn led a feasibility study to incorporate Complete Streets elements within the corridor. The concept plans included a reduction of speed, improving safety for vehicles, pedestrians, and bicyclists; wider sidewalks, buffered bicycle lanes, and designated loading zones; and improved street furniture, landscaping, and signage. Project Cost: \$35M (construction)		
e.	<b>Pompano Beach Continuing Contract for Transportation Engineering Services for Various City Projects, Pompano Beach, FL</b>	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Project Manager. The City of Pompano Beach CRA selected Kimley-Horn to provide transportation support services for the City of Pompano Beach and the Community Redevelopment Agency (CRA). Initial traffic engineering/transportation planning assignments include traffic engineering analysis support for a City-initiated land use plan amendment along the Atlantic Boulevard corridor to allow for residential/mixed-use density and improved walkability/connectivity. Duties included corridor operations analysis, transportation systems management/geometric improvements, neighborhood protection and enhancement plans, and community outreach/workshops solely focused on transportation issues. Project Cost: \$90,000		

# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

<b>12. NAME</b> <b>Ignacio Lizama, P.E., ENV SP</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Quality Assurance/Quality Control</b>	<b>14. YEARS EXPERIENCE</b> <table border="1"> <tr> <td>a. TOTAL 27</td> <td>b. WITH CURRENT FIRM 1</td> </tr> </table>		a. TOTAL 27	b. WITH CURRENT FIRM 1
a. TOTAL 27	b. WITH CURRENT FIRM 1				
<b>15. FIRM NAME AND LOCATION (City and State)</b> <b>Kimley-Horn and Associates, Inc., Coral Gables, FL</b>					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> <b>Bachelor of Science / Civil and Environmental Engineering</b>		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> <b>FL/Professional Engineer/53868</b>			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> <b>Envision™ Sustainability Professional (ENV SP), AWWA, WEF, FWEA</b>					

## **19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a.	<b>Aventura 36-inch Force Design, Miami-Dade Water and Sewer Department (WASD), Miami, FL</b>	<b>PROFESSIONAL SERVICES</b> Ongoing	<b>CONSTRUCTION (If Applicable)</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager for the detailed design and preparation of bid documents for approximately 3.21 miles (16,929 feet) of 36-inch diameter force main including 24-inch diameter force main connections to the existing force main. Force main is located in a congested urban corridor. Trenchless construction methods were designed on major crossings to reduce community impacts.		
b.	<b>Aventura 36-inch Force Main Route Analysis, Miami-Dade Water and Sewer Department (WASD), Miami, FL</b>	<b>PROFESSIONAL SERVICES</b> 2021	<b>CONSTRUCTION (If Applicable)</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Senior engineer. Served as Senior Lead Engineer in the evaluation and preparation of a route study for new 36-inch force main in a highly urbanized area. The purpose of this project is to provide a redundant 36-inch diameter force main in parallel to the existing 30-inch diameter force main along Biscayne Boulevard (US1) from NE 203rd Street south to NE 163rd Street. A study was completed and included an evaluation matrix ranking route options among social, environmental, constructability, permit		
c.	<b>Sarasota County Bee Ridge Water Reclamation Facility (WRF) Interim Process Improvements -Design/Build Project, Sarasota County, FL</b>	<b>PROFESSIONAL SERVICES</b> Ongoing	<b>CONSTRUCTION (If Applicable)</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm QA/QC. As a subconsultant to a design-build team, Kimley-Horn is providing professional engineering services to enhance biological process at the WRF. Kimley-Horn performed wastewater characterization and biological process modeling (BioWin) to support the development of fast-track improvements needed to reduce nitrogen effluent. Kimley-Horn designed improvements for three of the four basins and fast-tracked efforts with 90% plans and preliminary engineering report completed within 90 days of NTP. Construction commenced in September 2021 and Kimley-Horn is providing technical services during construction and commissioning services.		
d.	<b>Design Services for Wastewater Treatment Plants Related to Consent Decree Projects, Miami-Dade Water and Sewer Department (WASD), Miami-Dade County, FL</b>	<b>PROFESSIONAL SERVICES</b> 2021	<b>CONSTRUCTION (If Applicable)</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Check if project performed with current firm Officer-in-Charge. Ignacio served as officer-in-charge for CDM Smith's provision of services for CD-related design services. As part of this work, CDM Smith is serving as a subconsultant for the preliminary design, design development, construction documents, permitting and bidding services, and design services during construction for upgrades all three of WASD's WWTPs (South District, Central District, and North District) for CIP specified by the EPA and FDEP.		
e.	<b>Design Services for the South District Wastewater Treatment Plant for the Ocean Outfall Legislation (OOL) Program, Miami-Dade Water and Sewer Department (WASD), Miami, FL</b>	<b>PROFESSIONAL SERVICES</b> 2021	<b>CONSTRUCTION (If Applicable)</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Check if project performed with current firm Officer-in-Charge. Ignacio served as officer-in-charge for the design of improvements to WASD's 112.5-mgd South District Wastewater Treatment Plant (SDWWTP). The SDWWTP must comply with Florida's OOL, which dictates a large plant upgrade program. As part of the program, CDM Smith is designing expansions to the plant's secondary clarifier and return activated sludge (RAS) systems, deep bed filters, disinfection process and effluent pumping system that discharges treated effluent into a system of groundwater recharge wells. The design of this project will upgrade the plant capacity to 131-mgd. Design was successfully completed in 2018 under an aggressive 10-month project schedule.		



# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

<b>12. NAME</b> <b>John Lafferty</b>	<b>13. ROLE IN THIS CONTRACT</b> Transportation/Traffic, Transit, Rail, Parking	<b>14. YEARS EXPERIENCE</b> <table border="1"> <tr> <td>a. TOTAL 25</td> <td>b. WITH CURRENT FIRM 2</td> </tr> </table>		a. TOTAL 25	b. WITH CURRENT FIRM 2
a. TOTAL 25	b. WITH CURRENT FIRM 2				
<b>15. FIRM NAME AND LOCATION (City and State)</b> Kimley-Horn and Associates, Inc., Plantation, FL					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> Master / Environmental Policy Bachelor of Science / Environmental Biology		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b>			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b>					

## **19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Broward MPO, Transportation Surtax Services General Planning Consultant (GPC) Services Task Work Order (TWO) 1 Fort Lauderdale, FL</b>	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable)
<b>a.</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Planner. Kimley-Horn was selected to assist the Broward MPO in the development of a GIS based analysis tool, using the existing Complete Streets and other Localized Initiatives (CLIP) process to evaluate and rank over 500 projects submitted by municipalities for Broward County Transportation Surtax funding. The output of the application was a ranked list of projects for used in programming funding as well as an interactive web-based Esri project Dashboard for sharing project location information with the public. Project Cost: \$341K	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>(1) TITLE AND LOCATION (City and State)</b> <b>South Florida Regional Transportation Authority (SFRTA), 20-Year Capital Plan, Plantation, FL</b>	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable)
<b>b.</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Under an on-call contract, Kimley-Horn is assisting SFRTA with the development of a 20-year capital plan of agency-prioritized needs. The resulting plan will identify improvement initiatives, capital projects, and state of good repair projects that SFRTA intends to adopt during the next 20 years. Kimley-Horn's services include developing prioritization criteria and a scoring matrix; creating a prioritized list of funded and unfunded capital projects including a detailed description of each; and developing an engineering capital cost estimating methodology for major capital projects. Project Cost: \$171,811	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>(1) TITLE AND LOCATION (City and State)</b> <b>South Florida Regional Transportation Authority (SFRTA) National Transit Database (NTD) Passenger Counts, Pompano Beach, FL</b>	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable)
<b>c.</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Kimley-Horn completed on-board passenger counts of the SFRTA Tri-Rail passenger rail system for purposes of reporting passenger miles traveled (PMT) to the National Transit Database (NTD) to maintain eligibility for the Federal Transit Administration's (FTA) Urbanized Area Formula Grant Program. A primary task was the development of a sampling plan in accordance with NTD Sampling Manual requirements and NTD approval. The sampling plan included an approach for random sample selection, sample frequency, and the necessary sample size that meets the FTA's 95% confidence and 10% precision levels. Project Cost: \$31K	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>(1) TITLE AND LOCATION (City and State)</b> <b>South Florida Regional Transportation Authority (SFRTA), Rail Fleet Management Plan, Pompano Beach, FL</b>	PROFESSIONAL SERVICES 2022	CONSTRUCTION (If Applicable)
<b>d.</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Kimley-Horn is preparing a Rail Fleet Management Plan for SFRTA that is accordance with the Federal Transit Administration Fleet Management Plan Guidance. This analysis will identify the needs and priority of replacement and overhauls of existing rolling stock. The Fleet Management Plan will provide a 10-year outlook for SFRTA as related to existing and future rolling stock requirements. Project Cost: \$56K	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>(1) TITLE AND LOCATION (City and State)</b> <b>Miami-Dade Transportation Planning Organization (TPO), SW 244th Street Mobility Hub Study, Miami, FL</b>	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable)
<b>e.</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Kimley-Horn led this TPO Mobility Study to provide connectivity, mobility, and safety for pedestrians, bicyclists, and transit users. Kimley-Horn's services included an evaluation of land use, multimodal infrastructure, and mobility options for the development of site-specific recommendations. An implementation plan also was developed that included conceptual design and visualization of improvement recommendations, estimated costs, and the identification of funding sources. Project Cost: \$69K	<input checked="" type="checkbox"/> Check if project performed with current firm	

# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

<b>12. NAME</b> <b>Stefano Viola, P.E.</b>	<b>13. ROLE IN THIS CONTRACT</b> Environmental Engineering, Stormwater and Drainage Design, Rail, Construction Documents	<b>14. YEARS EXPERIENCE</b> <table border="1"> <tr> <td>a. TOTAL 15</td> <td>b. WITH CURRENT FIRM 15</td> </tr> </table>		a. TOTAL 15	b. WITH CURRENT FIRM 15
a. TOTAL 15	b. WITH CURRENT FIRM 15				
<b>15. FIRM NAME AND LOCATION (City and State)</b> Kimley-Horn and Associates, Inc., Plantation, FL					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> Bachelor of Science / Civil Engineering		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> FL/Professional Engineer/74655			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> American Society of Civil Engineers (ASCE), Florida Engineering Society					

## **19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Miami Lakeway North Resurfacing and Drainage Improvements, A Federally-Funded Design-Build Project, Miami Lakes, FL</b>	PROFESSIONAL SERVICES 2010	PROFESSIONAL SERVICES 2012
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Project engineer and provided drainage design and utility coordination. Kimley-Horn helped the Town obtain more than \$600,000 in stimulus funding to construct this roadway and drainage improvement project that includes a portion of Miami Lakeway North between Celebration Point and Miami Lakes Drive and NW 153rd Street from Miami Lakeway North to NW 60th Avenue. The project included drainage system improvements such as new stormwater inlets, a new outfall connection, exfiltration trench for water quantity and quality treatment, new sidewalk, and new pavement markings and signage. Kimley-Horn also provided construction phase services to expedite the project and to confirm that the project was built in compliance with the design criteria. Project Cost: \$640,000, less \$600,000 of stimulus funding.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>(1) TITLE AND LOCATION (City and State)</b> <b>Wiles Road Design from Rock Island Road to US 441 (SR 7) Coral Springs, FL</b>	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable)
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Project engineer. Broward County implemented road improvements for the widening of Wiles Road to a 6-lane divided urban arterial from Riverside Drive to Rock Island Road. As part of the improvements the City of Coral Springs was required to relocate approximately 5,650 LF of 6", 8", 10", 12", and 16" watermain throughout the corridor. The City selected Kimley-Horn to prepare the utility relocation plans that Stefano Viola, P.E. signed and sealed. Kimley-Horn prepared construction documents, permitted, and is providing post design services for this project while working closely with the City, County and County's roadway design firm to ensure that few interruptions to the end users' services occurred. Project Cost: \$1.1M	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>(1) TITLE AND LOCATION (City and State)</b> <b>Pines Village Water Main Improvements   Phase II &amp; Septic Tank Conversion, Pembroke Pines, FL</b>	PROFESSIONAL SERVICES Ongoing	PROFESSIONAL SERVICES N/A
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Project engineer. The City intends to replace the existing aging infrastructure with a new water distribution system to provide reliable potable water, improved fire hydrant coverage, and new water services. The intent is to relocate the existing infrastructure from utility easements behind properties to the public right-of-way for front of property connections. The new distribution system will be integrated with the surrounding infrastructure including improvements completed as part of a Phase I program. In addition to water distribution improvements, a portion of the Pines Village Phase II project area includes installing a new wastewater collection system with sanitary manholes to allow property owners to eliminate septic tanks. In general, the project consists of providing engineering design, permitting, construction documents, bidding assistance, and post design services to implement these project improvements. This project is still currently in design. Project Cost: \$997,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>(1) TITLE AND LOCATION (City and State)</b> <b>Stormwater Master Plan Update #3 Miami Lakes, FL</b>	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If Applicable)
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Project Manager. Kimley-Horn has completed two updates to the Town's original stormwater master plan and is currently working on a third update. The Stormwater Master Plan Updates provide the Town with a comprehensive look at completed stormwater improvements throughout the Town and provides an update to the CIP and a reprioritization of remaining stormwater work. Project Cost: \$60,345	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>(1) TITLE AND LOCATION (City and State)</b> <b>Miami Beach Light Rail/Modern Streetcar P3 Program Management Miami Beach, FL</b>	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable)
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Project Engineer. Kimley-Horn served as the prime consultant overseeing the project through project development, conceptual engineering, environmental impact analysis, and procurement of a P3 developer that would design, build, operate, maintain, and finance the project. Project Cost: \$400 million (construction)	<input checked="" type="checkbox"/> Check if project performed with current firm	

# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME Tom Jensen, P.E.	13. ROLE IN THIS CONTRACT Water Distribution	14. YEARS EXPERIENCE	
		a. TOTAL 36	b. WITH CURRENT FIRM 6

**15. FIRM NAME AND LOCATION (City and State)**  
Kimley-Horn and Associates, Inc., West Palm Beach, FL

**16. EDUCATION (DEGREE AND SPECIALIZATION)**  
Bachelor / Civil Engineering

**17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)**  
FL/Professional Engineer/37290

**18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)**  
Magazine article published in December 2018 by the QC - Quality Cities magazine (a publication of the Florida League of Cities); the article was by Daniel J. Comerford III/Town of Jupiter Inlet Colony and Thomas C. Jensen/Kimley-Horn: "Going Green in Jupiter Inlet Colony: Neighborhood Rehabilitation Project Protects and Preserves"

## **19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	<b>Martin County Utilities Raw Water Main (RWM) and Pump Station (PS) - Martin Downs to Tropical Farms, Martin County, FL</b>  Project manager. Kimley-Horn prepared design drawings and specifications for the proposed in-line booster pump station and the proposed raw water main extension; prepared and submitted permit applications and support documentation to FDEP, SFWMD, USACE, and FDOT/FTE agencies; provided bid services; provided limited construction administration phase services; prepared an operational protocol; and submitted a certification of completion. Project Cost: \$509,690	2018	
b.	<b>Pines Village Water Main Improvements   Phase II &amp; Septic Tank Conversion, Pembroke Pines, FL</b>  QA/QC reviewer. The City intends to replace the existing aging infrastructure with a new water distribution system to provide reliable potable water, improved fire hydrant coverage, and new water services. The intent is to relocate the existing infrastructure from utility easements behind properties to the public right-of-way for front of property connections. The new distribution system will be integrated with the surrounding infrastructure including improvements completed as part of a Phase I program. In addition to water distribution improvements, a portion of the Pines Village Phase II project area includes installing a new wastewater collection system with sanitary manholes to allow property owners to eliminate septic tanks. In general, the project consists of providing engineering design, permitting, construction documents, bidding assistance, and post design services to implement these project improvements. This project is still currently in design. Project Cost: \$997,000	Ongoing	
c.	<b>Town of Jupiter 30-inch Transmission Main Across Central Boulevard - Central Boulevard Water Main Crossing, Jupiter, FL</b>  Project Engineer. This project involved the design and construction of a new 30-inch water transmission main across Central Boulevard between Jupiter Gardens Boulevard and Jupiter Park Drive to connect the 24-inch water transmission mains on the east and west sides of Central Boulevard. Kimley-Horn has completed a review of the existing utilities in the project area, development features on each side of Central Boulevard, and available information on subsurface utilities along the section of Central Boulevard between Jupiter Park Drive and Jupiter Gardens Boulevard. Project Cost: \$39,125	2017	
d.	<b>Fort Lauderdale Las Olas Marina Improvements (includes Las Olas Wastewater System Improvements), Fort Lauderdale, FL</b>  Project Manager. Kimley-Horn was tasked with developing concepts for the relocation of the utilities and the pump station so the end users had minimum or no impact to their service, as well as expediting the design of the new pump station due to the long lead time of the station components. The final concept concluded with a new station that will consist of a 3-pump submersible pump station (each pump is rated at 1,200 gpm each within a 12-foot ID wetwell). In addition to the pump station and relocated utilities, approximately 1,200 LF of 10- and 12-inch gravity sewer was required to be rehabilitated. Project Cost: \$132,015	Ongoing	
e.	<b>Northport (Glades Cut Off Road) 24-inch Force Main Extension Phase 3, Port St. Lucie, FL</b>  Project Engineer. Kimley-Horn was retained by the City of Port St. Lucie to design the forcemain extension to connect the City's concentrate disposal pipeline to the Glades Wastewater Treatment Facility. The proposed improvement is required to assist in the overall system hydraulics of the CITY's force main transmission system by transferring flows from an overloaded portion of the system to the Glades Facility. The project included over 9,000 LF of 24-inch force main along the Glades Cutoff Roadway right-of-way and inside an easement dedicated to the City for the main's installation. Project Cost: \$193,000	Ongoing	



# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

<b>12. NAME</b> <b>Fannie Howard, P.E.</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Water Distribution</b>	<b>14. YEARS EXPERIENCE</b> <table border="1"> <tr> <td>a. TOTAL 17</td> <td>b. WITH CURRENT FIRM 17</td> </tr> </table>		a. TOTAL 17	b. WITH CURRENT FIRM 17
a. TOTAL 17	b. WITH CURRENT FIRM 17				
<b>15. FIRM NAME AND LOCATION (City and State)</b> <b>Kimley-Horn and Associates, Inc., West Palm Beach, FL</b>					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> <b>Master of Science / Environmental Engineering</b> <b>Bachelor of Science / Chemical Engineering</b>		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> <b>FL/Professional Engineer/67506</b>			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> <b>Florida Engineering Society</b>					

## **19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a.	<b>Atlantic Avenue Water Main Relocation</b> <b>Delray Beach, FL</b>	<b>PROFESSIONAL SERVICES</b> <b>2020</b>	<b>CONSTRUCTION (If Applicable)</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>Project Manager. Kimley-Horn is providing design, permitting, bidding, and construction phase services for a water main installation project within the City of Delray Beach. The team is providing the City with data collection, construction documents, permitting, and construction phase services. Project Cost: \$88,786</b>	<b>[X] Check if project performed with current firm</b>	
b.	<b>14th Avenue Water Mains, Lake Worth, FL</b>	<b>PROFESSIONAL SERVICES</b> <b>2010</b>	<b>CONSTRUCTION (If Applicable)</b> <b>2013</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>Project manager for the Kimley-Horn team that provided engineering services to the City of Lake Worth for the design of new 8-inch water mains to complete system loops and new fire hydrants. Tasks include data collection, utility coordination, permitting, development of construction documents, and construction phase services. Project Cost: \$4.5M</b>	<b>[X] Check if project performed with current firm</b>	
c.	<b>A-7 Inline Booster Pump Station</b> <b>Palm Beach, FL</b>	<b>PROFESSIONAL SERVICES</b> <b>2011</b>	<b>CONSTRUCTION (If Applicable)</b> <b>2014</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>Project engineer for design of this sanitary sewer inline booster station. The design included influent and effluent force main modifications, construction of three new VFD driven centrifugal wastewater pumps within the dry pit of an existing master lift station, wet well rehabilitation, installation of a new emergency generator, control system and SCADA programming, and various other station mechanical and electrical improvements. The replacement of an existing piston style compressor system with a new rotary screw compressor system was also designed to provide pressurized air to a network of satellite ejector and Expelsor-style lift. Project Cost: \$1.6M</b>	<b>[X] Check if project performed with current firm</b>	
d.	<b>16-inch Force Main Rehabilitation Design-Build Project,</b> <b>Construction Administration, North Bay Village, FL</b>	<b>PROFESSIONAL SERVICES</b> <b>2009</b>	<b>CONSTRUCTION (If Applicable)</b> <b>2011</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>Project Analyst. Kimley-Horn provides general engineering services for the City of North Bay Village on an ongoing basis. Kimley-Horn was selected to develop a route evaluation report and design criteria package and obtain environmental permits associated with the replacement of the City's wastewater force main system. Services also included construction administration and inspections. Project Cost: \$6.2M</b>	<b>[X] Check if project performed with current firm</b>	
e.	<b>Wellfield Improvements and Engineering Design Services, Palm Beach County Water Utilities Department (PBCWUD)</b> <b>West Palm Beach, FL</b>	<b>PROFESSIONAL SERVICES</b> <b>Ongoing</b>	<b>CONSTRUCTION (If Applicable)</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>Project Engineer. Kimley-Horn is developing bidding/design documents for improvements to surficial aquifer production wells throughout the PBCWUD service area. Our services include preparation for and attendance at project meetings; client coordination; well siting; review of past construction information including well videos, construction reports, engineering details, and record drawings; bid packages to include design specifications, project drawings, and opinion of probable cost; permitting; and construction phase services. Project Cost: \$656,022</b>	<b>[X] Check if project performed with current firm</b>	

# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

<b>12. NAME</b> <b>Juan Jimenez, P.E.</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Wastewater Collection</b>	<b>14. YEARS EXPERIENCE</b> <table border="1"> <tr> <td>a. TOTAL 27</td> <td>b. WITH CURRENT FIRM 21</td> </tr> </table>		a. TOTAL 27	b. WITH CURRENT FIRM 21
a. TOTAL 27	b. WITH CURRENT FIRM 21				
<b>15. FIRM NAME AND LOCATION (City and State)</b> <b>Kimley-Horn and Associates, Inc., Coral Gables, FL</b>					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> <b>Bachelor of Science / Civil Engineering</b>		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> <b>FL/Professional Engineer/56704</b>			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> <b>American Society of Civil Engineers (ASCE), Florida Engineering Society, National Society of Professional Engineers (NSPE)</b>					

## **19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a.	<b>Hollywood North Central Septic to Sewer Conversion Program</b> <b>Hollywood, FL</b>	<b>PROFESSIONAL SERVICES</b> <b>2020</b>	<b>CONSTRUCTION (If Applicable)</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>[X] Check if project performed with current firm</b> Project Manager. This project consists of expanding the City of Hollywood's existing sanitary sewage collection system across the north central area of the City and converting of approximately 1,700 properties from private on-site wastewater treatment (septic) systems and private sewage lift stations to public collection and conveyance systems. Kimley-Horn's services included sewage flow projections, basin delineation, hydraulic modeling, design and preparation of construction documents, regulatory assistance, assistance with bid and award of the construction contract, and limited construction phase services. Project Cost: \$890K		
b.	<b>Biscayne Boulevard Parallel 36-Inch Force Main, Miami, FL</b>	<b>PROFESSIONAL SERVICES</b> <b>2005</b>	<b>CONSTRUCTION (If Applicable)</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>[X] Check if project performed with current firm</b> Project engineer for the design and permitting of approximately 20,000 linear feet of 36-inch ductile iron force main in the cities of North Miami and North Miami Beach, Florida. This force main will serve as backup to the existing 30-inch and 20-inch force mains running along West Dixie Highway. Kimley-Horn's design provided for a redundant connection between Pump Station 423 (Discharge Point) and the existing 72-inch PCCP force main located near the intersection of NE 19th Place and NE 159th Street. Kimley-Horn also designed a subaqueous canal crossing across Snake Creek Canal as part of this project. Project Cost: \$8.5 million		
c.	<b>North Bay Village 16-inch Force Main Route Evaluation Report</b> <b>North Bay Village, FL</b>	<b>PROFESSIONAL SERVICES</b> <b>2008</b>	<b>CONSTRUCTION (If Applicable)</b> <b>2009</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>[X] Check if project performed with current firm</b> Project engineer for the Kimley-Horn team that developed a force main route evaluation report for the City's force main system. The proposed 16-inch force main from the City's main pump station was evaluated to determine the most beneficial route either to the east with a connection point located in the City of Miami Beach or to the west with a connection point in Miami-Dade County. Project Cost: \$68,500		
d.	<b>Lakeview District Water and Sewer Master Plan, Medley, FL</b>	<b>PROFESSIONAL SERVICES</b> <b>2017</b>	<b>CONSTRUCTION (If Applicable)</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>[X] Check if project performed with current firm</b> Project Engineer. Kimley-Horn prepared a water and sewer master plan for the Lakeview Utility District, a special assessment district created to expand water and sewer distribution and collection facilities to a 600+ acre portion of the Town of Medley which is currently undeveloped. In addition, Kimley-Horn performed modeling of the existing water distribution system using WaterGEMS software to identify potential fire flow deficiencies within the existing distribution system and propose improvements to the system to address these deficiencies. Project Cost: \$92,900		
e.	<b>NW 37 Avenue Water and Sewer Improvements, Miami-Dade County, FL</b>	<b>PROFESSIONAL SERVICES</b> <b>2017</b>	<b>CONSTRUCTION (If Applicable)</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>[X] Check if project performed with current firm</b> This project is part of the Miami-Dade Water and Sewer Department's (MDWASD) "Needs Assessment Program" (NAP). It consisted of the preparation of a technical memorandum to evaluate alternatives and recommend improvements within a 2,000-acre area of unincorporated Miami-Dade County that had little or no existing water and sewer infrastructure. Improvements were necessary to expand the capacity of the existing system and sustain future economic redevelopment within the area. Additionally, though the project area is within unincorporated Miami-Dade County, portions of it receive water service via water mains owned and operated by the adjacent City of Hialeah. Part of our services included developing a plan to disconnect services from the City of Hialeah and reconnect them to the County's water distribution system.		



### E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

<b>12. NAME</b> <b>Samantha Graybill, P.E.</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Wastewater Collection</b>	<b>14. YEARS EXPERIENCE</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">a. TOTAL 11</td> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">b. WITH CURRENT FIRM 6</td> </tr> </table>		a. TOTAL 11	b. WITH CURRENT FIRM 6
a. TOTAL 11	b. WITH CURRENT FIRM 6				
<b>15. FIRM NAME AND LOCATION (City and State)</b> <b>Kimley-Horn and Associates, Inc., West Palm Beach, FL</b>					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> <b>Bachelor of Science / Civil Engineering</b>		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> <b>FL/Professional Engineer/81326</b>			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b>					

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>a.</b>	<b>Martin County Utilities Raw Water Main (RWM) and Pump Station (PS) - Martin Downs to Tropical Farms</b> <b>Martin County, FL</b>	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable)
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> Project Engineer. Kimley-Horn prepared design drawings and specifications for the proposed in-line booster pump station and the proposed raw water main extension; prepared and submitted permit applications and support documentation to FDEP, SFWMD, USACE, and FDOT/FTE agencies; provided bid services; provided limited construction administration phase services; prepared an operational protocol; and submitted a certification of completion. Project Cost: \$509,690.		
<b>b.</b>	<b>501 Palm Street Sanitary Main Relocation</b> <b>West Palm Beach, FL</b>	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If Applicable)
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> Project Engineer. Kimley-Horn provided design, permitting, bidding, and construction phase services to relocate the manhole and sanitary main that was under an existing building at 501 Palm Street. The rerouting of this section included constructing new manholes, new 8-inch and 12-inch sanitary main, removal of existing sanitary infrastructure and reconnecting existing sanitary services. Project Cost: \$84,000		
<b>c.</b>	<b>Pines Village Water Main Improvements   Phase II &amp; Septic Tank Conversion, Pembroke Pines, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> Project engineer. The City intends to replace the existing aging infrastructure with a new water distribution system to provide reliable potable water, improved fire hydrant coverage, and new water services. The intent is to relocate the existing infrastructure from utility easements behind properties to the public right-of-way for front of property connections. The new distribution system will be integrated with the surrounding infrastructure including improvements completed as part of a Phase I program. In addition to water distribution improvements, a portion of the Pines Village Phase II project area includes installing a new wastewater collection system with sanitary manholes to allow property owners to eliminate septic tanks. In general, the project consists of providing engineering design, permitting, construction documents, bidding assistance, and post design services to implement these project improvements. This project is still currently in design. Project Cost: \$997,000		
<b>d.</b>	<b>Beach Road (A1A) Water Main Replacement Design and Bidding Phase Services, Tequesta, FL</b>	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If Applicable)
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> Project Analyst. Kimley-Horn was retained by the Village of Tequesta for the design and bidding phase services to replace 3,100 linear feet of existing 8-inch cement asbestos water main along Beach Road. The water main had been experiencing leaks and exposure due to high tide events due to its current location. The new water main runs along the west side of Beach Road and was replaced with a new 10-inch main. Project Cost: \$63,000		
<b>e.</b>	<b>Southern Boulevard Bridge Subaqueous 16-inch Water Main Replacement and Route Study (14-inch)</b> <b>West Palm Beach, FL</b>	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable)
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> Project Engineer. This project involved the design of a 16-inch HDPE pipeline under the Intracoastal Waterway between the City of West Palm Beach and the Town of Palm Beach. As a result of the Southern Blvd. Bridge reconstruction project, a 16-inch water main owned by the City of West Palm Beach needed to be relocated. Kimley-Horn provided an initial route study to identify potential pipeline routes and hydraulic modeling to determine that the pipe diameter could be reduced to lower construction costs. Kimley-Horn provided design, permitting, bidding, and construction phase services for the project. Project Cost: \$3,284,763		

# E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME <b>M. Lewis Bryant, P.E.</b>	13. ROLE IN THIS CONTRACT Pumping Facilities	14. YEARS EXPERIENCE	
		a. TOTAL 21	b. WITH CURRENT FIRM 13
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Fort Myers, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Master of Business Administration Master of Science / Civil Engineering Bachelor of Civil Engineering Bachelor of Science / Technology (Nuclear) Associate of Science / Radiation Protection		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL/Professional Engineer/65582	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Florida Engineering Society, Water Environment Federation (WEF), American Water Works Association (AWWA)			

## 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	<b>Manatee County Southeast Water Reclamation Facility Internal Recycle Pump Replacement and Headworks Rehabilitation Bradenton, FL</b>	2018	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer. Kimley-Horn provided engineering services for internal recycle pump replacement, including the addition of new flow meters, replacement of internal piping, removal of valves internal to the aeration basin, and replacement with knife gate valves outside the walls. Our team also provided headworks rehabilitation at the SEWRF and a structural evaluation/recommendations for the elevated concrete structure, prepared preliminary design report and construction plans and specifications, and provided FDEP permitting and construction observation. Project cost: \$4.2 million.		
b.	<b>Master Pump Station No. 1, Master Pump Station No. 2, and Master Pump Station No. 3 Rehabilitation, St. Pete Beach, FL</b>	2019	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Kimley-Horn provided preliminary, final design, and construction services for the rehabilitation of Pump Station No. 1, 2, and 3. Pump Station No. 1 is a quadraplex station with four 140-HP submersible pumps. Pump Station No. 2 is a triplex with three 35-HP submersible pumps. Pump Station No. 3 is a duplex submersible station with two 35-HP pumps. The scope of work included evaluating the contributing service areas to determine the required wet well sizing and pumping capacity, the evaluation of existing flows of the station, pump and piping design, and the design of an elevated structure to house electrical equipment. Each pump station included a generator design, with a skid mounted diesel fuel tank. For Pump Station 2 and 3, generators were located on the elevated structure to provide maximum resiliency during storm events or flooding.		
c.	<b>City of Wildwood CR 209 12-inch Force Main and Lift Station Construction, Wildwood, FL</b>	2016	2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE This project included: the conversion of the City's existing 40-HP, duplex CR 209 lift station to a new 80-HP triplex master lift station; new SCADA control panel; SCADA integration; new flow meter; new pressure transducer/transmitter; various electrical and control improvements; constructing a pretreatment screening structure; and constructing 16,500 feet of 12-inch force main and 9,300 feet of 16-inch force main from the CR 209 lift station to the City's WWTF. The new force main reduced the flows through an existing 6-inch force main, reduced pump operating times, and increased the long-term capacity and reliability of the wastewater collection system. Kimley-Horn assisted the City in obtaining a grant from the FDEP totaling \$250,000.		
d.	<b>Port Orange General Services Contract (Water, Wastewater, and Reclaimed Water Continuing Engineering Consultant), Port Orange, FL</b>	2020	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Kimley-Horn is providing continuous general engineering consulting services to complete a wide range of projects for the Port Orange Utilities Department. Services include wastewater treatment plant evaluations, water main extensions, financial planning assistance, wastewater treatment plant modeling, and utility master planning. Project Cost: \$234K		
e.	<b>Port Orange Water Reclamation Facility East Master Lift Station Pump Conversion, Port Orange, FL</b>	2020	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. The project consists of equipment selection for owner direct purpose and preparing plans/specifications to replace existing dry pit centrifugal pumps with screw centrifugal pumps. Project cost: \$13,866		

# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>Jason Lee, P.E.</b>	13. ROLE IN THIS CONTRACT <b>Pumping Facilities</b>	14. YEARS EXPERIENCE a. TOTAL <b>18</b> b. WITH CURRENT FIRM <b>18</b>	
15. FIRM NAME AND LOCATION (City and State) <b>Kimley-Horn and Associates, Inc., West Palm Beach, FL</b>			
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Bachelor of Science / Mechanical Engineering</b>		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>FL/Professional Engineer/67472</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <b>American Water Works Association (AWWA)</b>			

## **19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a.	(1) <b>Lift Station 13 Rehabilitation West Palm Beach, FL</b>	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable) 2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Project engineer. LS 13 previously experienced a significant failure which prompted the City to re-evaluate the layout of the existing electrical room in this master pump station which serves a large portion of the downtown area. We designed a new electrical room that will replace all electrical components of the building and place them at an increased elevation to avoid future flooding problems. The design also included a bypass force main, permanent standby bypass pump, a new bridge crane, overhead door to aid in operations and maintenance, as well as submersible actuators in the dry pit to automatically isolate the force main in the event of a failure. Project Cost: \$1.47M		
b.	(1) <b>Town of Palm Beach, D-4 and D-10 Stormwater Pump Station (SWPS) Construction, Palm Beach, FL</b>	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable) 2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Project Manager. The Town of Palm Beach selected Kimley-Horn to design improvements to both the D-4 and D-10 Stormwater Pump Stations (SWPS). Kimley-Horn performed design, permitting, and construction phase services for the two projects. The Town of Palm Beach utilized the construction management at risk project delivery method where both stations were constructed simultaneously. Project Cost: \$7,848,700		
c.	(1) <b>Town of Palm Beach, D-9 Stormwater Pump Station and Collection System 60-inch Piping, Palm Beach, FL</b>	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Served as engineer of record for the design, permitting and bidding and construction phases of the rehabilitation improvements to this stormwater pumping station at the north end of the Town of Palm Beach. This project includes replacement of two existing 57 cfs hydraulic pumps with electric submersible pumps, wetwell and outfall piping rehabilitation, construction of a new mechanical building, conversion of an existing FPL transformer vault to a new electrical room, installation of two new emergency generators, new ventilation system, upgraded sound attenuation, pump hoist system, and other associated improvements. Project Cost: \$1.5 million (construction)		
d.	(1) <b>Palm Beach A-7 Inline Booster Pump Station (20-inch and 24-inch force mains), Palm Beach, FL</b>	PROFESSIONAL SERVICES 2011	CONSTRUCTION (If Applicable) 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Project Manager. Provided design services for this sanitary sewer inline booster station which will allow the Town of Palm Beach to discontinue pumping wastewater through a neighboring municipality's force main system to reach the ECR Treatment Plant. The design included influent and effluent force main modifications, construction of three new VFD driven centrifugal wastewater pumps within the dry pit of an existing master lift station, installation of a new emergency generator, and various other station mechanical and electrical improvements. Total Cost: \$1.6 million		
e.	(1) <b>Fort Pierce Utilities Authority South Hutchinson Island Storage and Repump Facility (includes VFDs), Fort Pierce, FL</b>	PROFESSIONAL SERVICES 2013	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Project Engineer. Kimley-Horn upgraded variable frequency drives (VFDs) and cabinets, replaced older electrical gear, upgraded of the remote communication to a more robust Ethernet radio system, replaced older technology altitude valve with a true control valve, added a new standby auxiliary powered generator with automatic transfer switch, and upgraded the liquid chlorine and ammonia feed systems. These improvements also included the installation of an interlocked dual-feed main disconnect with a generator receptacle, and programmable logic controller with radio communication. Project Cost: \$40,510		



# E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME <b>Kevin Schanen, P.E.</b>	13. ROLE IN THIS CONTRACT Pumping Facilities	14. YEARS EXPERIENCE	
		a. TOTAL 24	b. WITH CURRENT FIRM 23
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., West Palm Beach, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL/Professional Engineer/60251	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Florida Engineering Society, American Public Works Association			

## 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	<b>Main Wastewater Pump Station Rehabilitation North Bay Village, FL</b>	2012	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer for development of design, permitting, and construction phase services for the rehabilitation of the City's main wastewater pump station. The project included analyzing the existing pumping and control equipment to evaluate present operating parameters and to develop a rehabilitation approach to increase system efficiency, reduce system maintenance, and provide a reliable, redundant pump station to better serve the City. Existing shaft driven wastewater pumps were converted to submersible pumps for use in a dry pit area and the complete control system was upgraded including a new Citywide SCADA system. The design approach required construction coordination and planning to keep the existing station in service during the rehabilitation and service upgrade process. Project Cost: \$383,000		
b.	<b>Jackson County Utility Authority (JCUA) Regional State Revolving Fund (SRF) Tucker Road Pump Station 6, Pascagoula, MS</b>	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer. Kimley-Horn was retained for the development of a facilities plan and design of conveyance system improvements. JCUA has an existing 24-inch force main that has four pump stations that pump into the system. During peak flow events, the resulting high system pressure prevents the downstream pump stations that manifold into the system from pumping their respective design capacity. KHA recommended two improvements which included the upgrade to the existing Pump Station 6 and the addition of an inline pressure reducing station. Project aspects included demand projections, capacity analysis, hydraulic modeling, and design. Project Cost: \$694K		
c.	<b>Palm Beach A-7 Inline Booster Pump Station (20-inch and 24-inch force mains), Palm Beach, FL</b>	2011	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer. Provided design services for this sanitary sewer inline booster station which will allow the Town of Palm Beach to discontinue pumping wastewater through a neighboring municipality's force main system to reach the ECR Treatment Plant. The design included influent and effluent force main modifications, construction of three new VFD driven centrifugal wastewater pumps within the dry pit of an existing master lift station, installation of a new emergency generator, and various other station mechanical and electrical improvements. The design included four 2,000-GPM, 35-HP variable frequency driven pumps, an electrical and generator building, a 24-inch influent force main, and a 20-inch effluent force main to route around the existing repump station. Project Cost: \$1.6 million		
d.	<b>Town of Palm Beach, D-4 and D-10 Stormwater Pump Station (SWPS) Construction, Palm Beach, FL</b>	2016	2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer. The Town of Palm Beach selected Kimley-Horn to design improvements to both the D-4 and D-10 Stormwater Pump Stations (SWPS). Kimley-Horn performed design, permitting, and construction phase services for the two projects. The Town of Palm Beach utilized the construction management at risk project delivery method where both stations were constructed simultaneously. Construction cost: \$7,848,700		
e.	<b>Southern Boulevard Bridge Subaqueous 16-inch Water Main Replacement and Route Study (14-inch pipeline) West Palm Beach, FL</b>	2017	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. This project involved the design of a 16-inch HDPE pipeline under the Intracoastal Waterway between the City of West Palm Beach and the Town of Palm Beach. As a result of the Southern Blvd. Bridge reconstruction project, a 16-inch water main owned by the City of West Palm Beach needed to be relocated. We provided an initial route study to identify potential pipeline routes and hydraulic modeling to determine that the pipe diameter could be reduced to lower construction costs. We provided design, permitting, bidding, and construction phase services for the project. Project cost: \$3.3M		

# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

<b>12. NAME</b> <b>Stephen Romano, P.E.</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Treatment Plant (WW)</b>	<b>14. YEARS EXPERIENCE</b> <table border="1"> <tr> <td>a. TOTAL 25</td> <td>b. WITH CURRENT FIRM 6</td> </tr> </table>		a. TOTAL 25	b. WITH CURRENT FIRM 6
a. TOTAL 25	b. WITH CURRENT FIRM 6				
<b>15. FIRM NAME AND LOCATION (City and State)</b> <b>Kimley-Horn and Associates, Inc., Orlando, FL</b>					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> <b>Bachelor of Science / Environmental Engineering</b>		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> <b>FL/Professional Engineer/57579</b>			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> <b>Water Environment Federation (WEF)</b>					

## **19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a.	<b>Flagler County Plantation Bay Wastewater Treatment Facility (WWTF) Phase 1 Design and CEI, Flagler County, FL</b>	<b>PROFESSIONAL SERVICES</b> <b>2018</b>	<b>CONSTRUCTION (If Applicable)</b> <b>2019</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Project manager and engineer of record (EoR). Kimley-Horn provided process design, construction administration services, and State Revolving Fund (SRF) loan administration assistance for the Class 1 reliability improvements and capacity expansion of the 0.475 million gallons per day (MGD) DAVCO-style Plantation Bay WWTF. Project Cost: \$5.7M		
b.	<b>Florida Government Utility Authority MacDill Air Force Base WWTP Headworks and Grit Removal Replacement, Longwood, FL</b>	<b>PROFESSIONAL SERVICES</b> <b>2018</b>	<b>CONSTRUCTION (If Applicable)</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Kimley-Horn provided design, permitting, and construction services for this project as a part of a continuing contract with FGUA. The project entailed the design and permitting of a new headworks structure, including a new grit chamber and a new screening channel. Tasks included: technical evaluation of grit removal systems for consideration, design, permitting, preparation of construction plans and specifications, bidding assistance, and construction administration services. Project Cost: \$116,545		
c.	<b>Port Orange General Services Contract (Water, Wastewater, and Reclaimed Water Continuing Engineering Consultant) (aka Utilities Engineering Services Contract), Port Orange, FL</b>	<b>PROFESSIONAL SERVICES</b> <b>2020</b>	<b>CONSTRUCTION (If Applicable)</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer. Kimley-Horn is providing continuous general engineering consulting services to complete a wide range of projects for the Port Orange Utilities Department. Services include wastewater treatment plant evaluations, water main extensions, financial planning assistance, wastewater treatment plant modeling, and utility master planning. Project Cost: \$234K		
d.	<b>West Villages Improvement District Utility Engineering Services (Southwest Water Treatment Plant and Wastewater Treatment), North Port, FL</b>	<b>PROFESSIONAL SERVICES</b> <b>2020</b>	<b>CONSTRUCTION (If Applicable)</b> <b>Ongoing</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer. Kimley-Horn is retained to provide professional services for the design of a water treatment plant (WTP) to be located at the northwest corner of the intersection of the future West Villages Parkway and future Manasota Beach Road. The facility is planned to utilize reverse osmosis (RO) membrane treatment and will be constructed in three phases: Phase 1 (2.0 MGD), Phase 2 (1.0 MGD), and Phase 3 (1.0 MGD). Kimley-Horn prepared the Preliminary Design Report, and is providing WTP design services and construction plans, Source water hydraulic modeling and water quality projections, environmental and permitting services, raw water main and wellhead designs, and concentrate line design services. Project Cost: \$2.4 million		
e.	<b>Vero Beach Wastewater Treatment Facility (WWTF) Relocation Study and Preliminary Design Report, Vero Beach, FL</b>	<b>PROFESSIONAL SERVICES</b> <b>Ongoing</b>	<b>CONSTRUCTION (If Applicable)</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer. The City engaged Kimley-Horn to perform a relocation study to determine the condition of the existing facility, identify facility rehabilitation options (in the current location), and evaluate facility relocation options. The project included an assessment of maintaining the conventional activated sludge system (secondary treatment) in the current location and identified areas of the facility that would require upgrades/new construction to replace components that had degraded beyond their useful life. Project Cost: \$12K		



# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

<b>12. NAME</b> <b>Chuck Starling, P.E.</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Treatment Plant (WW)</b>	<b>14. YEARS EXPERIENCE</b> <table border="1"> <tr> <td>a. TOTAL 23</td> <td>b. WITH CURRENT FIRM 4</td> </tr> </table>		a. TOTAL 23	b. WITH CURRENT FIRM 4
a. TOTAL 23	b. WITH CURRENT FIRM 4				
<b>15. FIRM NAME AND LOCATION (City and State)</b> <b>Kimley-Horn and Associates, Inc., Mobile, AL</b>					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> <b>Bachelor of Science / Civil Engineering</b> <b>Bachelor of Science / Microbiology</b>		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> <b>AAEES / Board Cert Env Engineer</b> <b>FL/Professional Engineer/83647</b>			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> <b>Water Environment Federation (WEF)</b>					

## **19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		
a.	<b>Lake Wales Wastewater and Reclaimed Master Utility Plan, Lake Wales, FL</b>	<table border="1"> <tr> <td>PROFESSIONAL SERVICES 2020</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If Applicable)
PROFESSIONAL SERVICES 2020	CONSTRUCTION (If Applicable)			
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>[X] Check if project performed with current firm</b> Kimley-Horn provided wastewater and reclaimed infrastructure mapping updates in AutoCAD and GIS based on the current and known improvements; allocated future growth into specific areas within the service area for the purpose of calculating future wastewater based on known projects, engineering judgment, and discussions with City staff. System demands were calculated for the present year, 5-, 10-, and 20-year projections. Project Cost: \$107K				
b.	<b>Hull Avenue Septic to Sewer Conversion, Oakland, FL</b>	<table border="1"> <tr> <td>PROFESSIONAL SERVICES 2020</td> <td>CONSTRUCTION (If Applicable) 2021</td> </tr> </table>	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If Applicable) 2021
PROFESSIONAL SERVICES 2020	CONSTRUCTION (If Applicable) 2021			
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>[X] Check if project performed with current firm</b> Kimley-Horn was selected by the Town of Oakland through their continuing consulting contract to provide engineering services for the design of the septic-to-sewer conversion along Hull Avenue from South Walker Street to the existing lift station. This route also includes services along Nixon Street and Herriot Avenue. Services include the design of approximately 3200 feet of 8-inch sewer main with approximately 48 sewer lateral connections.				
c.	<b>Ocala Wastewater Master Plan, Ocala, FL</b>	<table border="1"> <tr> <td>PROFESSIONAL SERVICES 2017</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable)
PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable)			
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>[X] Check if project performed with current firm</b> Project Engineer. The City of Ocala needs to develop a comprehensive wastewater master plan for improving system hydraulics and prioritizing capital projects. The scope of services includes data collection, population demand/future growth projections, wastewater system modeling, master plan report update, capital improvement program development, and revenue sufficiency analysis. The wastewater master plan will focus on capital improvements required to serve the existing, 5-, 10-, and 20-year future needs of the utility service area. Project Cost: \$85,874				
d.	<b>West Villages Improvement District (WVID) Southwest Wastewater Reclamation Facility (SWWWRF), North Port, FL</b>	<table border="1"> <tr> <td>PROFESSIONAL SERVICES 2018</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable)
PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable)			
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>[X] Check if project performed with current firm</b> QC/QA Reviewer. Kimley-Horn provided technical specification review and design review of the 2.0-MGD SWWWRF within the WVID to be constructed pursuant to a Florida Department of Environmental Protection (FDEP) SWWWRF permit. In addition, provided design assistance on the internal RAS and effluent reuse pump stations. Project Cost: \$2.7M				
e.	<b>Wildwood Oxford Water Treatment Plant (WTP) Design (Lower Floridan Well), Wildwood, FL</b>	<table border="1"> <tr> <td>PROFESSIONAL SERVICES 2018</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable)
PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable)			
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>[X] Check if project performed with current firm</b> Project Engineer. Kimley-Horn provided SWFWMD coordination to design, construct, and permit two 1,100-foot-deep lower Floridan potable water wells with design pumping capacity of 2,600 gpm each. Project Cost: \$583K (construction)				

# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

<b>12. NAME</b> <b>Lance Littrell, P.E.</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Treatment Plant (Water)</b>	<b>14. YEARS EXPERIENCE</b> <table border="1"> <tr> <td>a. TOTAL 20</td> <td>b. WITH CURRENT FIRM 5</td> </tr> </table>		a. TOTAL 20	b. WITH CURRENT FIRM 5
a. TOTAL 20	b. WITH CURRENT FIRM 5				
<b>15. FIRM NAME AND LOCATION (City and State)</b> <b>Kimley-Horn and Associates, Inc., Orlando, FL</b>					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> <b>Master of Business Administration /</b> <b>Bachelor of Science / Mechanical Engineering</b>		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> <b>FL / Professional Engineer/65645</b>			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> <b>American Membrane Technology Association, American Water Works Association (AWWA)</b>					

## **19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Port St. Lucie James E. Anderson Reverse Osmosis Membrane Pilot Study and Replacement at RO Water Treatment Plant, Port St. Lucie, FL</b>	<b>PROFESSIONAL SERVICES</b> <b>2021</b>	<b>CONSTRUCTION (If Applicable)</b> <b>Ongoing</b>
<b>a.</b> (3) <b>BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>Project Manager. The Kimley-Horn team was selected to provide the RO Membrane Study and Replacement consulting services for the WTF. In addition to the pilot testing of three membrane elements, the project includes a detailed evaluation of the RO process trains, wholistic facility assessment and energy efficiency analysis, bid solicitation and procurement of membranes and contractors for installation, as well as membrane installation oversight and testing certification. Project Cost: \$484K</b>	<b>[X] Check if project performed with current firm</b>	
<b>(1) TITLE AND LOCATION (City and State)</b> <b>Lead and Copper Corrosion Study Water Treatment Plants (WTPs) 2 3, 8, and 9, Palm Beach County, FL</b>	<b>PROFESSIONAL SERVICES</b> <b>2018</b>	<b>CONSTRUCTION (If Applicable)</b>
<b>b.</b> (3) <b>BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>Project Engineer. This project is part of Kimley-Horn's general water treatment plant engineering services contract. Kimley-Horn was retained by Palm Beach County Water Utilities Department to conduct a lead and copper corrosion study for Water Treatment Plants #2, #3, #8, #9, and #11. The results of this study provided a baseline for future plant improvements for water quality. Project Cost: \$168,331</b>	<b>[X] Check if project performed with current firm</b>	
<b>(1) TITLE AND LOCATION (City and State)</b> <b>City of Stuart Water Treatment Plant Emerging Contaminant (PFAS's) Treatment System, Stuart, FL</b>	<b>PROFESSIONAL SERVICES</b> <b>2019</b>	<b>CONSTRUCTION (If Applicable)</b>
<b>c.</b> (3) <b>BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>Project Engineer. Kimley-Horn provided professional engineering services related to the implementation of a water treatment system for the removal of emerging contaminants, including perfluorinated chemicals (PFAS's), PFOA (Perfluorooctanoic Acid), and PFOS (Perfluorooctane Sulfonate) sampled and measured in the raw water supply for the City's drinking water wells. Kimley-Horn also helped prepare bid documents and construction phase services for the treatment system using anion exchange (AIX) resin with granular activated carbon (GAC) toppings. This 4.0/8.0-MGD AIX/GAC system was designed to treat all the City's raw water supply. Project Cost: \$2,387,500 (construction)</b>	<b>[X] Check if project performed with current firm</b>	
<b>(1) TITLE AND LOCATION (City and State)</b> <b>Delray Beach 10-Year Water Treatment Master Plan, Delray Beach, FL</b>	<b>PROFESSIONAL SERVICES</b> <b>2016</b>	<b>CONSTRUCTION (If Applicable)</b>
<b>d.</b> (3) <b>BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>Project Engineer. Kimley-Horn was engaged by the City of Delray Beach to develop a 10-year water treatment master plan. We developed a 20-year linear population projection model using assembled data to meet the needs of the plan update and identify projects for the City and its service area during this growth period. Kimley-Horn prepared the water treatment master plan to recommend facilities, treatment process, treatment capacities, facility locations, planning level budget estimates, and construction timing. Project Cost: \$54,041</b>	<b>[X] Check if project performed with current firm</b>	
<b>(1) TITLE AND LOCATION (City and State)</b> <b>Flagler County Eagle Lakes Reverse Osmosis (RO) Water Treatment Plant, Bunnell, FL</b>	<b>PROFESSIONAL SERVICES</b> <b>2020</b>	<b>CONSTRUCTION (If Applicable)</b>
<b>e.</b> (3) <b>BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>Project Manager. Kimley-Horn provided the treatment and storage expansion for the Utility's water treatment plant including doubling the capacity of the reverse osmosis treatment, ground storage tanks and evaluation of the hydro-pneumatic tank condition. The new treatment system includes new control system and automatic operation. Project Cost: \$7,500 (Phase 1); \$60,000 (Phase 2 - estimated)</b>	<b>[X] Check if project performed with current firm</b>	

# E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME <b>Mark Miller, P.E.</b>	13. ROLE IN THIS CONTRACT <b>Treatment Plant (Water)</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>34</b>	b. WITH CURRENT FIRM <b>34</b>
15. FIRM NAME AND LOCATION (City and State) <b>Kimley-Horn and Associates, Inc., West Palm Beach, FL</b>			
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Master of Engineering / Civil Engineering Bachelor of Science / Ocean Engineering</b>		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>FL/Professional Engineer/45320</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <b>"Pretreatment- Methods and Lessons Learned in The Operation of the Tropical Farms NF Water Treatment Plant," Jim Mercurio (Martin County), Mark D. Miller, P.E. and Larry Vicars, P.E., Ultrapure Water Online, January/February 2007.</b>			

## 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	<b>City of Stuart Water Treatment Plant Emerging Contaminant (PFAS's) Treatment System, Stuart, FL</b>	2019	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Kimley-Horn provided professional engineering services related to the implementation of a water treatment system for the removal of emerging contaminant perfluorinated chemicals (PFAS's), PFOA (Perfluorooctanoic Acid), and PFOS (Perfluorooctane Sulfonate) sampled and measured in the raw water supply for the City's drinking water wells. Kimley-Horn provided assistance preparing bid documents and construction phase services for the treatment system using ion exchange (IX) resin and granular activated carbon (GAC) topping. The new water treatment system was designed to treat all the City's raw water supply, removing PFAS contaminants to less than 10 parts per trillion. Project Cost: \$2,387,500		
b.	<b>Indian River County Finish Water Stabilization (Lime Slurry Injection) to Reverse Osmosis (RO) Water Treatment Plants (WTPs) and Finish Water Stabilization Corrosion Study</b>	2016	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The Kimley-Horn team provided preliminary design, pilot testing, design, permitting, construction, and startup services for Indian River County's finish water stabilization improvements to their regional water treatment plants using lime slurry and carbon dioxide. Project Cost: \$278,600		
c.	<b>Beverly Beach Water/Wastewater Improvements (Misc. Projects, including Osprey Point Water System Improvements)</b>	2012	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Kimley-Horn design responsibilities consisted of a 375,000 gallon potable water ground storage tank, potable water chemical feed systems, a water booster pumping station, ~10,500 L.F. of 10" water main, ~19,000 L.F. of 8" sanitary force main, a regional sanitary lift station, refurbishment to an existing sanitary pump station, new onsite office building, a new onsite emergency generator, major site electrical improvements and system controls, an onsite stormwater management system, and the demolition of the existing wastewater treatment facility.		
d.	<b>Tropical Farms Reverse Osmosis (RO)/Water and Wastewater Treatment Plant Expansion, Stuart, FL</b>	2009	2008
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Served as project manager for the expansion of Tropical Farms \$25-million water treatment plant (WTP). Services will include expansion of a new 8-MGD RO WTP. Kimley-Horn is providing all phases of design, permitting, construction, and SCADA system integration for the brackish RO WTP expansion. Responsible for the oversight of structural design and architectural layout for a 13,000-square-foot process building, offices, and control room. Project Cost: \$16 million		
e.	<b>Palm Beach County Water Treatment Plant #2 Treatment and Disposal Improvements, Palm Beach County, FL</b>	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Kimley-Horn was retained by Palm Beach County Water Utilities Department for design, permitting and bidding services related to Water Treatment Plant #2. The goal is to upgrade the plant facility in several areas within the treatment process and about the treatment facility to sustain treatment quality and quantity through the next decade. These improvements will help address deficiencies identified in a recent study by Kimley-Horn for the hydraulic process as well as recommended upgrades. The plant's two lime softening unit have reached the end of their useful life and need upgrades and repair to continue services. This project will provide a new lime softening unit, demolition of the one of the existing lime softening units, a new deep injection well, operational upgrades, a new 5 MG storage tank for increased storage capacity, new raw water supply well., and an aeration system for the existing and proposed 5 MG tanks. Project Cost: \$2 million		



# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>Nick Black, P.E.</b>	13. ROLE IN THIS CONTRACT Treatment Plant (Water)	14. YEARS EXPERIENCE	
		a. TOTAL 10	b. WITH CURRENT FIRM 8

15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., West Palm Beach, FL
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16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Civil Engineering Bachelor of Science / Environmental Engineering	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL/Professional Engineer/84908
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Public Works Association (APWA), American Water Works Association (AWWA)
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## **19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Palm Beach County Water Utilities Department (PBCWUD) Water Treatment Plant #11 (WTP #11) Operational Improvements (fka Lake Region Brackish RO WTP), FL</b>	PROFESSIONAL SERVICES 2013	CONSTRUCTION (If Applicable) 2014
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst. Kimley-Horn helped to restore plant capacity and greatly improve operations at the 10-MGD Lake Region Reverse Osmosis (RO) Water Treatment Plant (WTP). The facility had struggled with a rapid decline in raw water quality. Services includes the design of energy recovery improvements to the RO system and several operational changes to optimize system recovery. Project Cost: \$2.172 million (construction)	[X] Check if project performed with current firm	
	<b>Water Treatment Plant #2 Expansion Study, Palm Beach County Water Utilities Department</b>	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable)
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Kimley-Horn was retained by Palm Beach County Water Utilities to perform an Expansion Study for the future addition of a membrane treatment plant expansion at Water Treatment Plant No. 2. The study considered the addition of an initial 10 MGD of membrane treatment capacity, while providing flexibility for the future membrane treatment, storage and related facilities to an ultimate capacity of 25 MGD, and possibly 30 MGD buildout capacity.	[X] Check if project performed with current firm	
	<b>Indian River County Water Distribution System Modeling and Master Planning Study, Vero Beach, FL</b>	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If Applicable)
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The Kimley-Horn team updated the Indian River County Utilities water system hydraulic model to reflect current GIS data and better represent their current water distribution system configuration. Our team has provided an updated water system model using two water supply sources, along with three remote elevated storage tanks. Project Cost: \$24,700	[X] Check if project performed with current firm	
	<b>Indian River County Finish Water Stabilization (Lime Slurry Injection) to Reverse Osmosis (RO) Water Treatment Plants (WTPs) and Finish Water Stabilization Corrosion Study, Vero Beach, FL</b>	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable)
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst for design and construction phase of finish water stabilization which utilizes chemical feed of carbon dioxide and lime slurry to improve the stability of the finish water. Specific duties include drafting responsibilities (AutoCAD); submittal and RFI review; payment application and processing of change orders; and coordinating with contractor, electrical engineer, and instrumentation and controls engineer. Also handle construction-related issues, coordinating start-up of the facilities, conducting progress meetings, and miscellaneous other tasks to complete this project. Project Cost: \$2.78 million (construction)	[X] Check if project performed with current firm	
	<b>City of Stuart Water Treatment Plant Emerging Contaminant (PFAS's) Treatment System, Stuart, FL</b>	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If Applicable)
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer. Kimley-Horn provided professional engineering services related to the implementation of a water treatment system for the removal of emerging contaminant perfluorinated chemicals (PFAS's), PFOA (Perfluorooctanoic Acid), and PFOS (Perfluorooctane Sulfonate) sampled and measured in the raw water supply for the City's drinking water wells. Kimley-Horn provided assistance preparing bid documents and construction phase services for the treatment system using ion exchange (IX) resin and granular activated carbon (GAC) topping. The new water treatment system was designed to treat all the City's raw water supply, removing PFAS contaminants to less than 10 parts per trillion. Project Cost: \$2,387,500	[X] Check if project performed with current firm	

# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

<b>12. NAME</b> <b>Jason Sheasley, P.G.</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Wellfield, Contamination</b>	<b>14. YEARS EXPERIENCE</b> <table border="1"> <tr> <td>a. TOTAL 29</td> <td>b. WITH CURRENT FIRM 18</td> </tr> </table>		a. TOTAL 29	b. WITH CURRENT FIRM 18
a. TOTAL 29	b. WITH CURRENT FIRM 18				
<b>15. FIRM NAME AND LOCATION (City and State)</b> <b>Kimley-Horn and Associates, Inc., Jacksonville, FL</b>					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> <b>Bachelor of Science / Earth and Environmental Science</b>		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> <b>FL/Professional Geologist/2236</b>			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b>					

## **19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>a.</b>	<b>Utilities Commission of New Smyrna Beach Preliminary Wellfield Evaluation Implementation Plan, New Smyrna Beach, FL</b>  <b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b>  Geologist. Kimley-Horn was retained by the Utilities Commission of New Smyrna Beach (UCNSB) to develop a Preliminary Wellfield Evaluation Implementation Plan to assist UCNSB in developing a comprehensive wellfield rehabilitation program. The multi-year wellfield rehabilitation program will be based on evaluation of wellfield and well site hydrologic conditions, mechanical and hydraulic systems, as well as optimization of operational procedures. The Preliminary Wellfield Evaluation Implementation Plan will also summarize the construction details for each of the 23 wells maintained by the UCNSB. Kimley-Horn will specify the testing procedures recommended for each well. Project Cost: \$67K	<b>PROFESSIONAL SERVICES</b> 2020	<b>CONSTRUCTION (If Applicable)</b>
	<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>b.</b>	<b>Orange Valley Well Evaluation, Dade City, FL</b>  <b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b>  Developed and implemented a plan to evaluate the source of elevated trihalomethane concentrations associated with an upper Floridan aquifer well. This included geophysical and video logging of the well to identify primary flow zones as well as layers of peat, lignite or organic material within the formation. Discrete water samples were collected from each primary flow zone, which were analyzed for total and dissolved organic carbon, which is believed to be the reason for the high trihalomethane concentrations associated with the well. Developed an approach and recommendation for rehabilitation. Project Cost: \$10.5K	<b>PROFESSIONAL SERVICES</b> 2021	<b>CONSTRUCTION (If Applicable)</b>
	<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>c.</b>	<b>Wauchula EPA Brownfields Assessment Program Consulting</b>  <b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b>  In 2010, Kimley-Horn prepared a Brownfields Assessment Grant application to assess hazardous substances and petroleum contamination at various sites within the designated enterprise zone for the City of Wauchula. In 2011, the City was awarded a \$400,000 grant. The City selected Kimley-Horn to complete tasks under the grant, including Phase I and Phase II Environmental Site Assessments (ESAs) at designated sites; preparation of site-specific Quality Assurance Project Plans (QAPP) and Health and Safety Plans (HASP) to meet EPA and FDEP standards; preparation of monthly and quarterly report documentation for submittal to EPA; Brownfield Site Rehabilitation Agreements (BSRAs) development and negotiations; and assistance with negotiating assessment requirements with the EPA and FDEP on behalf of the city. Additional services include community outreach/stakeholder involvement, risk assessment reporting, asbestos and lead-based paint surveys, and the generation of cleanup and redevelopment plans.	<b>PROFESSIONAL SERVICES</b> 2014	<b>CONSTRUCTION (If Applicable)</b>
	<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>d.</b>	<b>Marion County Utilities Ashley Farms Water Treatment Plant (WTP) Well Construction Administration Assistance, FL</b>  <b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b>  Project Geologist. Kimley-Horn is providing construction administration assistance during construction of a new upper Floridan aquifer (UFA) potable water well, well head, and yard piping at the Ashley Water Treatment Plant (WTP) site. In addition, Kimley-Horn is providing construction administration assistance and water quality/well production testing of the 12-inch and 8-inch potable water wells at the Paddock Downs WTP (aka Sun Country WTP). Project Cost: \$24,590	<b>PROFESSIONAL SERVICES</b> 2020	<b>CONSTRUCTION (If Applicable)</b>
	<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>e.</b>	<b>Wildwood Oxford Water Treatment Plant (WTP) Design (Lower Floridan Well), Wildwood, FL</b>  <b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b>  Team Member. Kimley-Horn provided SWFWMD coordination to design, construct, and permit two 1,100-foot-deep lower Floridan potable water wells with design pumping capacity of 2,600 gpm each. Project Cost: \$169K	<b>PROFESSIONAL SERVICES</b> 2018	<b>CONSTRUCTION (If Applicable)</b>
	<input checked="" type="checkbox"/> Check if project performed with current firm		



# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

<b>12. NAME</b> <b>Jill Grimaldi, BCES</b>	<b>13. ROLE IN THIS CONTRACT</b> Wellfield	<b>14. YEARS EXPERIENCE</b> <table border="1"> <tr> <td>a. TOTAL 19</td> <td>b. WITH CURRENT FIRM 1</td> </tr> </table>		a. TOTAL 19	b. WITH CURRENT FIRM 1
a. TOTAL 19	b. WITH CURRENT FIRM 1				
<b>15. FIRM NAME AND LOCATION (City and State)</b> Kimley-Horn and Associates, Inc., Vero Beach, FL					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> Bachelor of Science / Environmental Science		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> Board Certified Environmental Scientist (BCES)			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> American Water Works Association (AWWA), National Association of Environmental Professionals					

## **19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a.	<b>Utilities Commission of New Smyrna Beach Preliminary Wellfield Evaluation Implementation Plan, New Smyrna Beach, FL</b>	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If Applicable)
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Environmental Scientist. Kimley-Horn was retained by the Utilities Commission of New Smyrna Beach (UCNSB) to develop a Preliminary Wellfield Evaluation Implementation Plan to assist UCNSB in developing a comprehensive wellfield rehabilitation program. The multi-year wellfield rehabilitation program will be based on evaluation of wellfield and well site hydrologic conditions, mechanical and hydraulic systems, as well as optimization of operational procedures. The Preliminary Wellfield Evaluation Implementation Plan will also summarize the construction details for each of the 23 wells maintained by the UCNSB. Based on the available information for each well, Kimley-Horn will specify the testing procedures recommended for each well. Project Cost: \$67K		
b.	<b>Charlotte County FY 2021 Water and Wastewater Regulatory Compliance, Charlotte County, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer. Kimley-Horn is supporting the annual regulatory compliance services to the County for the water and wastewater systems. The project includes performing treatment plant audits, reviewing reporting to FDEP and SWFWMD quarterly for the four water reclamation facilities and one water treatment plants, and assisting the County with all FDEP correspondence. Additional tasks included in the project include wastewater FDEP operations permit modification applications and permit renewals, compliance assistance related to FDEP actions. Project Cost: \$494,976		
c.	<b>Vero Beach Wastewater Treatment Facility (WWTF) Relocation Study and Preliminary Design Report, Vero Beach, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Environmental Scientist. The City engaged Kimley-Horn to perform a relocation study to determine the condition of the existing facility, identify facility rehabilitation options (in the current location), and evaluate facility relocation options. The project included an assessment of maintaining the conventional activated sludge system (secondary treatment) in the current location and identified areas of the facility that would require upgrades/new construction to replace components that had degraded beyond their useful life. Project Cost: \$12K		
d.	<b>Northport (Glades Cut Off Road) 24-inch Force Main Extension Phase 3, Port St. Lucie, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Environmental Planner. Kimley-Horn was retained by the City of Port St. Lucie to design the forcemain extension to connect the City's concentrate disposal pipeline to the Glades Wastewater Treatment Facility. The project included over 9,000 LF of 24-inch force main along the Glades Cutoff Roadway right-of-way and inside an easement dedicated to the City for the main's installation. The scope of services includes design and regulatory permitting services through City, County, FDOT and FDEP, respectively. Project Cost: \$193K		
e.	<b>Port St. Lucie James E. Anderson Reverse Osmosis Membrane Pilot Study and Replacement at RO Water Treatment Plant, Port St. Lucie, FL</b>	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable) Ongoing
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Environmental Scientist. The Kimley-Horn team was selected to provide the RO Membrane Study and Replacement consulting services for the WTF. In addition to the pilot testing of three membrane elements, the project includes a detailed evaluation of the RO process trains, wholistic facility assessment and energy efficiency analysis, bid solicitation and procurement of membranes and contractors for installation, as well as membrane installation oversight and testing certification. Project Cost: \$484K		

# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>Andrea Carpenter, P.E.</b>		13. ROLE IN THIS CONTRACT Utility Permitting		14. YEARS EXPERIENCE	
				a. TOTAL 9	b. WITH CURRENT FIRM 3
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., West Palm Beach, FL					
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Civil Engineering Master of Science / Civil Engineering			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL/Professional Engineer/83362		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers (ASCE)					

## **19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
a.	<b>Wastewater Treatment Plant Maintenance Building Upgrades and Electrical Room Hardening Design, Stuart, FL</b>	PROFESSIONAL SERVICES 201	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Kimley-Horn provided the City of Stuart with engineering services for the City's Wastewater Treatment Plant (WWTP). Kimley-Horn was selected to assist in the investigation of hardening options for the electrical building since the existing building is susceptible to wind damage and flooding. The scope also included preparing specifications and details to replace the metal roof decking as well as preparing construction drawings for the hardening of the electrical room. Project Cost: \$54,500		
b.	<b>City of Delray Beach Level 2 Assessment Chemical Feed/Flushing, Delray Beach, FL</b>	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Health department standards requires routine testing of every Public Water Supply (PWS) at various sample points through the distribution system for the presence of coliform. If greater than 5% of these samples on a biweekly basis fail, the Public Water Supply PWS (Delray Beach) has to submit a Level 1 Assessment to the Health Department to determine the cause of the coliform. This is also when a PWS would issue a boil water notice to its citizens. If the PWS fails twice in 12 months, a more extensive review of the distribution system has to be conducted by a third party (Which was Kimley-Horn). We did a full evaluation to determine the root cause of the coliform that was present in their sampling. Project Cost: \$179K		
c.	<b>Water Treatment Plant No. 8 Rehabilitation and Replacement Evaluation, Palm Beach County Water Utilities Department, Palm Beach, FL</b>	PROFESSIONAL SERVICES 2022	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Deputy Project Manager. Kimley-Horn was retained to conduct a condition assessment and rehabilitation and replacement evaluation of WTP #8 to identify the improvements needed to maintain water production for the next 10 years. This evaluation will be used to develop a project scope of improvements that be implemented in the next year as part of the master capital improvement plan. Project Cost: \$194,345		
d.	<b>City of Stuart Water Treatment Plant Emerging Contaminant (PFAS's) Treatment System, Stuart, FL</b>	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Project Engineer. Kimley-Horn provided professional engineering services related to the implementation of a water treatment system for the removal of emerging contaminant perfluorinated chemicals (PFAS's), PFOA (Perfluorooctanoic Acid), and PFOS (Perfluorooctane Sulfonate) sampled and measured in the raw water supply for the City's drinking water wells. Kimley-Horn provided assistance preparing bid documents and construction phase services for the treatment system using ion exchange (IX) resin and granular activated carbon (GAC) topping. The new water treatment system was designed to treat all the City's raw water supply, removing PFAS contaminants to less than 10 parts per trillion. Project Cost: \$2,387,500 (construction)		
e.	<b>Palm Beach County Water Treatment Plant #2 Treatment and Disposal Improvements, West Palm Beach, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Project Engineer. The goal is to upgrade the plant facility in several areas within the treatment process and about the treatment facility to sustain treatment quality and quantity through the next decade, which will help address deficiencies identified in a recent study by Kimley-Horn for the hydraulic process. This will provide a new lime softening unit, demolition of the one of the existing lime softening units, a new deep injection well, operational upgrades, a new 5 MG storage tank for increased storage capacity, new raw water supply well., and an aeration system for the existing and proposed 5 MG tanks. Project Cost: \$2 million		

# E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

<b>12. NAME</b> <b>Sebastian Vittorino, P.E.</b>	<b>13. ROLE IN THIS CONTRACT</b> Utility Permitting, Construction Phase Services	<b>14. YEARS EXPERIENCE</b> <table border="1"> <tr> <td>a. TOTAL 2</td> <td>b. WITH CURRENT FIRM 2</td> </tr> </table>		a. TOTAL 2	b. WITH CURRENT FIRM 2
a. TOTAL 2	b. WITH CURRENT FIRM 2				
<b>15. FIRM NAME AND LOCATION (City and State)</b> Kimley-Horn and Associates, Inc., Plantation, FL					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> Bachelor of Science / Mechanical Engineering		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> FL/Engineer-in-Training/1100024804			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b>					

## 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a.	<b>McNab Road Over Cypress Creek (C-14) Bridge Replacement and Terra Mar Drive over Spanish River Bridge Rehabilitation Projects Pompano Beach, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Team Member. Kimley-Horn is currently serving the City of Pompano Beach to provide design and consulting services for two separate bridge projects within the City as part of the current G.O. Bond. The project at McNab Road includes the full replacement of the existing bridge and relocation of existing utilities. The proposed bridge will incorporate aesthetic features appropriate to the surrounding areas. Kimley-Horn is leading permitting of this project, including USCG, SFWMD, and Broward County. Project Cost: \$7 million		
b.	<b>Oscar Wind Park, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Analyst. Kimley-Horn is providing professional landscape architectural services for the expansion of Oscar Wind Park in Sunrise, Florida. This project includes improvements and renovations to the existing park, as well as the addition of new space from the School Board. The upgrades include new walkways, improvements to the existing parking lot on the School Board Cypress Bay Annex site, and landscaping/irrigation improvements. Project Cost: \$245,100		
c.	<b>Pompano Beach McNab Road Improvements, Pompano Beach, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Project Analyst. This streetscape improvements project was part of the City's GO Bond program and included one mile of McNab Road from S. Cypress Creek Road to US 1. The project includes the new 10' wide sidewalks, drainage improvements, as well as roadway improvements that include reconfiguration of the alignment to account for the removal and replacement of the Cypress Creek Canal bridge. Additionally, the project includes native landscaping, lighting, pervious pavers, as well as bus shelter and associated amenities to improve the pedestrian experience. The Kimley-Horn team designed critical drainage improvements that modify existing infrastructure to account for roadway improvements, while also maintaining existing driveway connectivity. Project Cost: \$399,280		
d.	<b>Pines Village Water Main Improvements   Phase II &amp; Septic Tank Conversion, Pembroke Pines, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input type="checkbox"/> Check if project performed with current firm The City intends to replace the existing aging infrastructure with a new water distribution system to provide reliable potable water, improved fire hydrant coverage, and new water services. The intent is to relocate the existing infrastructure from utility easements behind properties to the public right-of-way for front of property connections. The new distribution system will be integrated with the surrounding infrastructure including improvements completed as part of a Phase I program. In addition to water distribution improvements, a portion of the Pines Village Phase II project area includes installing a new wastewater collection system with sanitary manholes to allow property owners to eliminate septic tanks. In general, the project consists of providing engineering design, permitting, construction documents, bidding assistance, and post design services to implement these project improvements. This project is still currently in design. Project Cost: \$997,000		
e.	<b>Pump Station C-1 &amp; C-2 Replacement (P12410) and Pump Station A-16 Upgrade (P12412), Fort Lauderdale, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input type="checkbox"/> Check if project performed with current firm Project analyst. Kimley-Horn has been retained to improve three of the City's wastewater pump stations to increase system efficiency and reduce system maintenance. The proposed improvement and pump station locations are as follows: 1. Replacement of Wastewater Pump Station C-1 with a new submersible station at Riverland Road and Okeechobee Lane, 2. Replacement of Wastewater Pump Station C-2 with a new submersible station at SW 37th Terrace and Fairfax Drive, and 3. Rehabilitation and Upgrade of the existing dry pit/wetwell Wastewater Pump Station A-16 at SE 4th Avenue and SE 11th Street. Pump Station A-16 includes new forcemain piping installed with HDD technology. Project Cost: \$29,805		



# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>Carlos Florian, P.E.</b>	13. ROLE IN THIS CONTRACT <b>Stormwater and Drainage Design</b>	14. YEARS EXPERIENCE a. TOTAL <b>10</b> b. WITH CURRENT FIRM <b>7</b>	
15. FIRM NAME AND LOCATION (City and State) <b>Kimley-Horn and Associates, Inc., Plantation, FL</b>			
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Bachelor of Science / Civil Engineering</b>		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>FL/Professional Engineer/80500</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

## **19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a. <b>Margate City Center Stormwater Master Permit</b> <b>Margate, FL</b>	PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer. The project area included a complete stormwater system re-design to incorporate the proposed development, which will include garden style apartments, townhomes, mid-rise condominiums, civic uses, and commercial developments. The project also included the preparation of a master drainage model (created using the ICPR software), an evaluation of the existing drainage system within this area, the creation of drainage basin delineations and maps, a complete hydraulic/hydrologic analysis of the area, and the proposed master conceptual drainage improvement plans. Project Cost: \$145,300	<input checked="" type="checkbox"/> Check if project performed with current firm	
b. <b>Stormwater Master Plan Update #3, Miami Lakes, FL</b>	PROFESSIONAL SERVICES <b>2019</b>	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer. Kimley-Horn has completed two updates to the Town's original stormwater master plan and is currently working on a third update. The Stormwater Master Plan Updates provide the Town with a comprehensive look at completed stormwater improvements throughout the Town and provides an update to the CIP and a reprioritization of remaining stormwater work. Project Cost: \$60,345	<input checked="" type="checkbox"/> Check if project performed with current firm	
c. <b>Palmetto Bay General Consulting Services (includes Stormwater Master Plan, SW 88th St, SW 89th St, SW 146th and 148th St, SW 164th St Improvements), Palmetto Bay, FL</b>	PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Engineer. Kimley-Horn is working with the Village of Palmetto Bay as a general consultant to provide all types of engineering such as planning, general civil engineering, and transportation. This project is ongoing; cost varies per project.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d. <b>Fort Lauderdale Executive Airport (FXE) Master Drainage/Conceptual Environmental Resources Permit (ERP) Project, Fort Lauderdale, FL</b>	PROFESSIONAL SERVICES <b>2020</b>	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer. The purpose of the ERP is to conceptually approve the design concepts of a phased development master plan for a surface water management system, so long as the general guidelines set forth in the ERP are upheld. The scope included pre-design services, existing utility coordination, stormwater modeling, schematic plans, conceptual design permit plans, and permitting. Project Cost: \$313,762	<input checked="" type="checkbox"/> Check if project performed with current firm	
e. <b>Pines Village Water Main Improvements   Phase II &amp; Septic Tank Conversion, Pembroke Pines, FL</b>	PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. The City intends to replace the existing aging infrastructure with a new water distribution system to provide reliable potable water, improved fire hydrant coverage, and new water services. The intent is to relocate the existing infrastructure from utility easements behind properties to the public right-of-way for front of property connections. The new distribution system will be integrated with the surrounding infrastructure including improvements completed as part of a Phase I program. In addition to water distribution improvements, a portion of the Pines Village Phase II project area includes installing a new wastewater collection system with sanitary manholes to allow property owners to eliminate septic tanks. In general, the project consists of providing engineering design, permitting, construction documents, bidding assistance, and post design services to implement these project improvements. This project is still currently in design. Project Cost: \$997,000	<input checked="" type="checkbox"/> Check if project performed with current firm	

# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

<b>12. NAME</b> <b>Tiffany Stanton, P.E.</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Stormwater and Drainage Design</b>	<b>14. YEARS EXPERIENCE</b> <table border="1"> <tr> <td>a. TOTAL 10</td> <td>b. WITH CURRENT FIRM 5</td> </tr> </table>		a. TOTAL 10	b. WITH CURRENT FIRM 5
a. TOTAL 10	b. WITH CURRENT FIRM 5				
<b>15. FIRM NAME AND LOCATION (City and State)</b> <b>Kimley-Horn and Associates, Inc., Plantation, FL</b>					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> <b>Bachelor / Civil Engineering</b>		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> <b>FL/Professional Engineer/85268</b>			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b>					

## **19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Fort Lauderdale Executive Airport (FXE) Master Drainage/Conceptual Environmental Resources Permit (ERP) Project, Fort Lauderdale, FL</b>	<b>PROFESSIONAL SERVICES</b> <b>2020</b>	<b>CONSTRUCTION (If Applicable)</b>
a.	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>[X] Check if project performed with current firm</b> Project Engineer. The purpose of the ERP is to conceptually approve the design concepts of a phased development master plan for a surface water management system, so long as the general guidelines set forth in the ERP are upheld. The scope included pre-design services, existing utility coordination, stormwater modeling, schematic plans, conceptual design permit plans, and permitting. Project Cost: \$313,762		
	<b>(1) TITLE AND LOCATION (City and State)</b> <b>Shores Estates Drainage Improvements Miami Shores Village, FL</b>	<b>PROFESSIONAL SERVICES</b> <b>2021</b>	<b>CONSTRUCTION (If Applicable)</b>
b.	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>[X] Check if project performed with current firm</b> Project Engineer. Kimley-Horn is providing professional engineering services for the design and construction of a drainage collection system with water quality treatment measures for the residential neighborhood known as Shores Estates. Improvements consist of underground piping, a stormwater pump station, and an outfall connection to the adjacent canal system. Professional services include surveying, stormwater analysis, civil and electrical engineering design, landscaping and irrigation, permitting, coordinating with utility providers, preparing quantity calculations, and engineer's estimates of probable costs. Project Cost: \$2.2 million		
	<b>(1) TITLE AND LOCATION (City and State)</b> <b>Stormwater Master Plan Update #3, Miami Lakes, FL</b>	<b>PROFESSIONAL SERVICES</b> <b>2019</b>	<b>CONSTRUCTION (If Applicable)</b>
c.	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>[X] Check if project performed with current firm</b> Project Engineer. Kimley-Horn has completed two updates to the Town's original stormwater master plan and is currently working on a third update. The Stormwater Master Plan Updates provide the Town with a comprehensive look at completed stormwater improvements throughout the Town and provides an update to the CIP and a reprioritization of remaining stormwater work. Project Cost: \$60,345		
	<b>(1) TITLE AND LOCATION (City and State)</b> <b>Pines Village Water Main Improvements   Phase II &amp; Septic Tank Conversion, Pembroke Pines, FL</b>	<b>PROFESSIONAL SERVICES</b> <b>Ongoing</b>	<b>CONSTRUCTION (If Applicable)</b>
d.	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>[X] Check if project performed with current firm</b> Project engineer. The City intends to replace the existing aging infrastructure with a new water distribution system to provide reliable potable water, improved fire hydrant coverage, and new water services. The intent is to relocate the existing infrastructure from utility easements behind properties to the public right-of-way for front of property connections. The new distribution system will be integrated with the surrounding infrastructure including improvements completed as part of a Phase I program. In addition to water distribution improvements, a portion of the Pines Village Phase II project area includes installing a new wastewater collection system with sanitary manholes to allow property owners to eliminate septic tanks. In general, the project consists of providing engineering design, permitting, construction documents, bidding assistance, and post design services to implement these project improvements. This project is still currently in design. Project Cost: \$997,000		
	<b>(1) TITLE AND LOCATION (City and State)</b> <b>Fort Lauderdale Executive Airport (FXE), Taxiway Foxtrot Pavement Rehabilitation, Fort Lauderdale, FL</b>	<b>PROFESSIONAL SERVICES</b> <b>2020</b>	<b>CONSTRUCTION (If Applicable)</b>
e.	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>[X] Check if project performed with current firm</b> Kimley-Horn was retained by the City of Fort Lauderdale to provide services for the pavement rehabilitation of Taxiway Foxtrot at Fort Lauderdale Executive Airport. The project includes the milling, resurfacing and reconstruction of 2,700 LF of airfield pavement along the western portion of Taxiway Foxtrot, including the reconstruction of the taxiway intersections to conform with current Federal Aviation Administration (FAA) Advisory Circular 150/5300-13A, change 1, relocation of airfield guidance signs and taxiway edge lights, and pavement striping. Project Cost: \$2.2 million		



## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

<b>12. NAME</b> <b>Amy Wicks, P.E.</b>	<b>13. ROLE IN THIS CONTRACT</b> Stormwater and Drainage Modeling	<b>14. YEARS EXPERIENCE</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">a. TOTAL</td> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">b. WITH CURRENT FIRM</td> </tr> <tr> <td style="text-align: center;">17</td> <td style="text-align: center;">7</td> </tr> </table>		a. TOTAL	b. WITH CURRENT FIRM	17	7
a. TOTAL	b. WITH CURRENT FIRM						
17	7						
<b>15. FIRM NAME AND LOCATION (City and State)</b> Kimley-Horn and Associates, Inc., Fort Myers, FL							
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> Bachelor / Civil Engineering		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> FL/Professional Engineer/68339					
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b>							

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a.	<b>Babcock Ranch Community (includes multiple phases and Watershed Master Plan), Charlotte and Lee Counties, FL</b>	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If Applicable)
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span>		
Project manager and engineer of record for the master development, design and environmental resource permitting of the surface water management system the 26+/- square mile development of regional impact. The goal of the development is to include several sustainable features including enhancing water quality, abating regional drainage issues, and developing the site in a socially responsible manner as to preserve much of the natural habitat. The site presently has obtained conceptual permitting through the SFWMD for the master stormwater management system, and approximately 900 acres have obtained construction and operation permits.			
b.	<b>Fort Lauderdale Executive Airport Master Drainage/Conceptual Environmental Resources Permit Project, Fort Lauderdale, FL</b>	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If Applicable)
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span>		
Project Engineer The purpose of the ERP is to conceptually approve the design concepts of a phased development master plan for a surface water management system, so long as the general guidelines set forth in the ERP are upheld. The scope included pre-design services, existing utility coordination, stormwater modeling, schematic plans, conceptual design permit plans, and permitting. Project Cost: \$313,762			
c.	<b>Naples Multi-Basin Stormwater Assessments, Naples, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span>		
Project Manager. Kimley-Horn is assisting the City of Naples in developing a stormwater basin assessment for five selected basins within the City limits. As a low-lying coastal area, the City has experienced increasing flooding incidents and has developed a long-term plan to address the increasing flooding by the basin. Our team is working with subconsultants to develop short, medium, and long-range plans to address not only the current flooding occurring in the area; but also future flooding caused by climate change, including the impacts of sea level rise, and the increasing intensity return intervals of extreme events. We are also creating financial models that will assist the City's decision makers in determining the long-term costs of sea level rise to the tax base and home values and how changes supported by the planning efforts will mitigate those losses.			
d.	<b>Central Avenue Improvements, Naples, FL</b>	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable) 2017
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span>		
Project engineer. As part of the Central Avenue improvements project, Kimley-Horn replaced aged and undersized AC piping on a 10-inch water main. Our team also helped direct a public involvement program with local stakeholders and agency staff to obtain consensus from the community for the approved design concept. Permit coordination was required with FDOT and Collier County for drainage, pavement, and signalization enhancements at the intersections of Central Avenue with US 41 and Goodlette-Frank Road. Kimley-Horn provided streetscape, intersection design, lighting design, and multimodal improvements for a half mile of Central Avenue between 8th Street and Riverside Circle. Detailed traffic modeling was utilized to fully assess laneage requirements and the resulting level of service from possible lane modifications. Fee \$805K			
e.	<b>Sarasota County Dona Bay Watershed Environmental Restoration Sarasota, FL</b>	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If Applicable)
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span>		
Project Engineer. The Dona Bay Watershed Environmental Restoration project involved design work to implement the results of the Dona Bay Watershed Management Plan. Kimley-Horn designed a 180-acre wetland restoration area, stormwater conveyance facilities from Cow Pen Slough to the Venice Minerals site, and a major water control structure. The second phase of the project included extensive ICPR modeling. Kimley-Horn's engineers and technicians developed several proprietary GIS tools specifically designed to automate the stormwater modeling process and generate the specific GIS deliverables required by Sarasota County, including easement acquisition.			

# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

<b>12. NAME</b> <b>Kellie Clark, P.E.</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Stormwater and Drainage Modeling</b>	<b>14. YEARS EXPERIENCE</b> <table border="1"> <tr> <td>a. TOTAL 13</td> <td>b. WITH CURRENT FIRM 9</td> </tr> </table>		a. TOTAL 13	b. WITH CURRENT FIRM 9
a. TOTAL 13	b. WITH CURRENT FIRM 9				
<b>15. FIRM NAME AND LOCATION (City and State)</b> <b>Kimley-Horn and Associates, Inc., Fort Myers, FL</b>					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> <b>Master of Engineering / Civil Engineering</b> <b>Bachelor of Science / Civil Engineering</b>		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> <b>FL/Professional Engineer/77642</b>			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> <b>American Water Resources Association, Florida Engineering Society</b>					

## **19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Naples Multi-Basin Stormwater Assessments, Naples, FL</b>	<b>PROFESSIONAL SERVICES</b> Ongoing	<b>CONSTRUCTION (If Applicable)</b>
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>a.</b> Project Engineer. Kimley-Horn is assisting the City of Naples in developing a stormwater basin assessment for five selected basins within the City limits. As a low-lying coastal area, the City has experienced increasing flooding incidents and has developed a long-term plan to address the increasing flooding by the basin. Our team is working with subconsultants to develop short, medium, and long-range plans to address not only the current flooding occurring in the area; but also future flooding caused by climate change, including the impacts of sea level rise, and the increasing intensity return intervals of extreme events. We are also creating financial models that will assist the City's decision makers in determining the long-term costs of sea level rise to the tax base and home values and how changes supported by the planning efforts will mitigate those losses.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>(1) TITLE AND LOCATION (City and State)</b> <b>Pinellas County Lealman Regional Stormwater Facility Professional Engineering Services, FL</b>	<b>PROFESSIONAL SERVICES</b> Ongoing	<b>CONSTRUCTION (If Applicable)</b>
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>b.</b> Project Engineer. Kimley-Horn has been providing professional services for the development of a regional stormwater facility that will seek to incentivize redevelopment within the Lealman Community Redevelopment Area (CRA). Kimley-Horn was tasked for the development of screening criteria to facilitate the siting of the facilities, determine pollutant loads, refine the watershed model to simulate and test flood management strategies, and establish a credit system. Project Cost: \$400,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>(1) TITLE AND LOCATION (City and State)</b> <b>Lee County Iona Drainage District Canal H-7 Drainage, Phase 1 Fort Myers, FL</b>	<b>PROFESSIONAL SERVICES</b> Ongoing	<b>CONSTRUCTION (If Applicable)</b>
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>c.</b> Project Manager. Kimley-Horn is developing proposed alternatives including modification of a weir structure and the full analysis requires an integrated groundwater / surface water model to evaluate impacts. The initial portion of the project was the development of a local scale model using both the 1D and 2D ICPR Version 4 for the analysis of flood risk reduction projects. Data and parameters in an existing regional scale MIKESHE/11 model were used as the basis of the ICPR Version 4 model. Project Cost: \$288K	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>(1) TITLE AND LOCATION (City and State)</b> <b>Babcock Ranch Community (includes multiple phases and Watershed Master Plan), Charlotte and Lee Counties, FL</b>	<b>PROFESSIONAL SERVICES</b> Ongoing	<b>CONSTRUCTION (If Applicable)</b>
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>d.</b> Project engineer for a variety of projects for the design and environmental resource permitting services of the surface water management system for the 26-square-mile development of regional impact within South Florida Water Management District (SFWMD). Kimley-Horn has managed construction phase services for four phases of development, and has provided master planning, landscape architecture, civil engineering, roadway design, and permitting services for the 17,000-acre Babcock Ranch in Southwest Florida for more than a decade. We have served as the lead consultant on multiple phases of the development including the first phase which encompassed 1000 residential units and a mixed-use Town Square. Project Cost: \$2 million	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>(1) TITLE AND LOCATION (City and State)</b> <b>Central Avenue Improvements, Naples, FL</b>	<b>PROFESSIONAL SERVICES</b> 2016	<b>CONSTRUCTION (If Applicable)</b>
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>e.</b> Project engineer. As part of the Central Avenue improvements project, Kimley-Horn replaced aged and undersized AC piping on a 10-inch water main. Our team also helped direct a public involvement program with local stakeholders and agency staff to obtain consensus from the community for the approved design concept. Permit coordination was required with FDOT and Collier County for drainage, pavement, and signalization enhancements at the intersections of Central Avenue with US 41 and Goodlette-Frank Road. Kimley-Horn provided streetscape, intersection design, lighting design, and multimodal improvements for a half mile of Central Avenue between 8th Street and Riverside Circle. Detailed traffic modeling was utilized to fully assess laneage requirements and the resulting level of service from possible lane modifications. Fee \$805K	<input checked="" type="checkbox"/> Check if project performed with current firm	

# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>Matt Brosman, P.E.</b>	13. ROLE IN THIS CONTRACT <b>Stormwater and Drainage Modeling</b>	14. YEARS EXPERIENCE a. TOTAL <b>9</b> b. WITH CURRENT FIRM <b>8</b>	
15. FIRM NAME AND LOCATION (City and State) <b>Kimley-Horn and Associates, Inc., Plantation, FL</b>			
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Bachelor of Science / Civil Engineering</b>		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>NAT / Cert Floodplain Mgr/US-18-10817 FL/Professional Engineer/85460</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

## **19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a. <b>Pinellas County Lealman Regional Stormwater Facility Professional Engineering Services, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer. Kimley-Horn has been providing professional services for the development of a regional stormwater facility that will seek to incentivize redevelopment within the Lealman Community Redevelopment Area (CRA). Kimley-Horn was tasked for the development of screening criteria to facilitate the siting of the facilities, determine pollutant loads, refine the watershed model to simulate and test flood management strategies, and establish a credit system. Project Cost: \$400,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
b. <b>Business Case Analysis for the City of Miami Beach Stormwater Resiliency Program Pilot Project, Miami Beach, FL</b>	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer..Kimley-Horn led an integrated flood modeling task as a subconsultant to another firm. The purpose of the task was to assess four design storm events that represented a combination of rainfall, sea level rise, storm surge, and tide stage scenarios under no-build, public investment, and private investment scenarios. The resulting flood depths for the 12 scenarios were mapped out by Kimley-Horn and provided to the City. The outcome of the project was concise communication materials to help City decision-makers articulate the business case for resilience investments backed by technical analyses.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c. <b>White Rock Creek Master Drainage, Frisco, TX</b>	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer. The effective floodplain associated with White Rock Creek in the City of Frisco impacts multiple residences. Additionally, the City has received complaints regarding street flooding at various locations in the watershed during more frequent storms. The City hired Kimley-Horn to prepare a master drainage study for the floodplain and the storm sewer within the watershed.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d. <b>Apollo Beach Boulevard Extension/I-75 Flyover, Hillsborough County, FL</b>	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn was retained by Hillsborough County to provide professional engineering services for the extension design of Apollo Beach Boulevard from US 41 to Paseo al Mar Boulevard. This extension will result in a four-lane facility including the bridge over I-75 to the eastern limits of the conservation easement. Our tasks include permitting, wetland delineation, preparing mitigation plans, and coordinating and modifying conservation easement with multiple agencies. Extending Apollo Beach from US 41 to US 301 will serve as an alternative east/west connection which will ultimately reduce traffic demands on Big Bend Road. This work effort includes alignment and traffic studies; surveying; geotechnical exploration, testing, and analysis; preparation of engineering reports with right-of-way maps and environmental documentation incorporating roadway, stormwater detention, and wetland mitigation requirements; permitting requirements; and determination of right-of-way requirements. Project Cost: \$2.4 million	<input checked="" type="checkbox"/> Check if project performed with current firm	
e. <b>Babcock Ranch Community (includes multiple phases and Watershed Master Plan), Charlotte and Lee Counties, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer for a variety of projects for the design and environmental resource permitting services of the surface water management system for the 26-square-mile development of regional impact within South Florida Water Management District (SFWMD). Kimley-Horn has managed construction phase services for four phases of development, and has provided master planning, landscape architecture, civil engineering, roadway design, and permitting services for the 17,000-acre Babcock Ranch in Southwest Florida for more than a decade. We have served as the lead consultant on multiple phases of the development including the first phase which encompassed 1000 residential units and a mixed-use Town Square. Project Cost: \$2 million	<input checked="" type="checkbox"/> Check if project performed with current firm	



# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>Maggie Giraldo, P.E.</b>	13. ROLE IN THIS CONTRACT <b>Solid Waste, GIS</b>	14. YEARS EXPERIENCE a. TOTAL <b>8</b> b. WITH CURRENT FIRM <b>7</b>	
15. FIRM NAME AND LOCATION (City and State) <b>Kimley-Horn and Associates, Inc., Coral Gables, FL</b>			
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Bachelor of Science / Environmental Engineering</b>		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>FL/Professional Engineer/87428</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <b>American Society of Civil Engineers (ASCE), American Water Works Association (AWWA)</b>			

## **19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a. (1) <b>Geographic Information Systems (GIS) Sewer Collection and Transmission System Atlas, Medley, FL</b>	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Analyst. Kimley-Horn provided professional engineering services for the development of a GIS sewer atlas for the Town. Miami-Dade County Water and Sewer Department entered a consent decree with the Environmental Protection Agency. As part of this consent decree, all large volume customers of the department, of which the Town is one, must provide the department with a GIS atlas of their sewer facilities which can interface with the department's existing GIS atlas. Project Cost: \$105,100		
b. (1) <b>Security Estates Landfill, Hialeah, FL</b>	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Analyst. Kimley-Horn provided engineering services for this landfill which included the coordination of the post-closure sampling events for the groundwater monitoring and the preparation of the post-closure groundwater sampling reports for permit compliance. Project Cost: \$40,188		
c. (1) <b>Miami-Dade County Resource Recovery Facility Cell 19 Landfill Closure, Miami-Dade County, FL</b>	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable) 2017
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Analyst. Involved the closure of this 10-acre cell ash mono-fill for the Miami-Dade County Department of Solid Waste Management (DSWM), and the evaluation of closure alternatives, selection of cover system geosynthetic materials, and preparation of the Florida Department of Environmental Protection (FDEP) permit application. The preparation of construction drawings and technical specifications for the project were also included in the scope of services, as well as construction phase services. Project Cost: \$344K		
d. (1) <b>Groundwater Sampling/Permit Renewal for Construction &amp; Demolition Debris Landfill, Miami, FL</b>	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Analyst. Kimley-Horn provided soil and groundwater sampling and analysis for this privately-owned landfill. Along with the sampling events, Kimley-Horn coordinated with the laboratory and prepared groundwater monitoring reports to meet permit requirements. Kimley-Horn also prepared permit renewal applications and engineering reports, including an operation and closure plan. Project Cost: \$21,170		
e. (1) <b>Town of Medley Stormwater Master Plan, Medley, FL</b>	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Analyst Kimley-Horn prepared a Stormwater Master Plan for the Town. Project services included: investigating flooding complaints, creation of a GIS stormwater atlas, planning new drainage projects, stormwater modeling, collaborating with several Town departments, preparing for sea level rise, evaluating pollutant loadings, planning the Town's stormwater utility capital improvements budget and work plan for the next 10 years. Project Cost: \$178,900		

# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>Bill Spinner, P.G.</b>	13. ROLE IN THIS CONTRACT Contamination	14. YEARS EXPERIENCE a. TOTAL 17      b. WITH CURRENT FIRM 9	
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Tampa, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Geology		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL/Professional Geologist/2570	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

## **19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Bobby Jones Golf Course Nature Park Conceptual Planning (Civil &amp; Landscape), Sarasota, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Geologist. Kimley-Horn was selected by the City of Sarasota to provide a conceptual design for a park master plan based on commission direction to evaluate a reduction in the number of golf holes. Through extensive community engagement at public meetings and online surveys, 3 concept alternate plans were presented to the City Commission for review and approval. The selected plan provides extensive nature and community benefits, with the first phase of construction anticipated to commence in 2021. Project Cost: \$364K	[X] Check if project performed with current firm	
<b>Wauchula EPA Brownfields Assessment Program Consulting, Wauchula, FL</b>	PROFESSIONAL SERVICES 2013	CONSTRUCTION (If Applicable)
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. In 2011, the City of Wauchula was awarded a Brownfields Assessment Grant by the EPA to assess hazardous substances and petroleum contamination at various sites within the designated enterprise zone. Kimley-Horn's scope of work under this task-based contract includes generation of scope/fee and completion of Phase I and Phase II Environmental Site Assessments (ESAs) at designated sites; preparation of site-specific Quality Assurance Project Plans (QAPPs) and Health and Safety Plans (HASPs) to meet EPA and FDEP standards; preparation of monthly and quarterly report documentation for submittal to EPA; Brownfield Site Rehabilitation Agreements (BSRAs) development and negotiations; and assisting with negotiating assessment requirements with the EPA and FDEP on behalf of the County. Additional services include community outreach/stakeholder involvement, risk assessment reporting, asbestos and lead-based paint surveys, and the generation of cleanup and redevelopment plans.	[X] Check if project performed with current firm	
<b>Ridge Fertilizer, Lake Wales, FL</b>	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If Applicable)
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Kimley-Horn performed a Phase II ESA to evaluate groundwater conditions across the site. Results of this investigation identified dieldrin in the groundwater in the area along the western property boundary at concentrations exceeding the GCTL. Soil impacts were identified in the central portion of the site at concentrations exceeding the residential direct exposure soil cleanup target levels (RSCTLs). Kimley-Horn completed a Limited Site Assessment to further evaluate soil and groundwater impacts identified during the June 2011 Phase II ESA. Additional assessment events defined the horizontal and vertical extent of soil and groundwater impacts. The FDEP granted a conditional site rehabilitation completion order (CSRCO) that included encapsulating the impacted soil and limiting groundwater use onsite. Kimley-Horn prepared an Engineering Control Maintenance Plan (ECMP) to ensure the cap is maintained. Kimley-Horn conducts annual observations of the cap as part of the ECMP.	[X] Check if project performed with current firm	
<b>St. Petersburg FedEx Logistics Facility Reuse of Former Landfill St. Petersburg, FL</b>	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable)
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Kimley-Horn was contracted to perform a Phase I Environmental Site Assessment (ESA) on a Closed Class III Landfill for the purposes of redeveloping the landfill into a distribution facility, which will include a 240,000-square-foot warehouse, parking lots, and stormwater retention ponds on top of the landfill. A Phase II ESA was completed to evaluate current landfill conditions with respect to soil/groundwater contamination and landfill gas concentrations. Project Cost: \$76,148	[X] Check if project performed with current firm	
<b>Townsend Street and US 17 Stormwater and Roadway Flood Protection Improvements, Wauchula, FL</b>	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable)
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Geologist. Kimley-Horn was retained to provide design and permit coordination services for a stormwater and roadway improvement project. The City had experienced historical flooding at the intersection of southbound US 17 (SR 35) and Townsend Street. Kimley-Horn developed a stormwater model to establish existing conditions and identify improvement alternatives to reduce flooding. Project Cost: \$166K	[X] Check if project performed with current firm	



# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

<b>12. NAME</b> <b>Stewart Robertson, P.E.</b>	<b>13. ROLE IN THIS CONTRACT</b> Transit, Traffic Planning/Traffic Engineering, Roadway	<b>14. YEARS EXPERIENCE</b> a. TOTAL <b>21</b> b. WITH CURRENT FIRM <b>20</b>	
<b>15. FIRM NAME AND LOCATION (City and State)</b> Kimley-Horn and Associates, Inc., Plantation, FL			
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> Master of Science / Civil Engineering Bachelor of Science / Civil Engineering		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> FL/Professional Engineer/63939	
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> National Society of Professional Engineers (NSPE), Institute of Transportation Engineers (ITE), American Society of Civil Engineers			

## **19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a.	<b>Fort Lauderdale General On-Call Traffic Engineering Services, Fort Lauderdale, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer. Kimley-Horn's role includes the review of traffic impact analyses/site plans submitted by private developers with tasks that included methodology development/coordination, analysis review, interdepartmental coordination, site plan review including parking garage/loading area maneuverability analysis. Work assignments also included the design of pilot complete streets projects, studies for speed limit reductions, traffic operations issues, and crosswalk warrants. Project Cost: \$400,000		
b.	<b>Town of Miami Lakes Complete Streets Program, Miami Lakes, FL</b>	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable)
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Project engineer. Kimley-Horn assisted the Town of Miami Lakes in developing a Complete Streets program consistent with the Miami-Dade County Complete Street Guidelines. The plan included an analysis of all town roads, development of roadway typologies including cross sections, recommended improvements along targeted corridors and preliminary cost estimates. The plan helped coordinate the Town's efforts with their comprehensive plan, strategic plan, and the trails master plan. Kimley-Horn assisted the Town of Miami Lakes in developing a Complete Streets program consistent with the Miami-Dade County Complete Street Guidelines. The plan included an analysis of all town roads, development of roadway typologies including cross sections, recommended improvements along targeted corridors and preliminary cost estimates. The plan helped coordinate the Town's efforts with their comprehensive plan, strategic plan, and the trails master plan. Project Cost: \$53,210		
c.	<b>Miami Lakeway North Resurfacing and Drainage Improvements, A Federally Funded Design-Build Project, Miami Lakes, FL</b>	PROFESSIONAL SERVICES 2010	CONSTRUCTION (If Applicable) 2012
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer. Kimley-Horn assisted the Town in obtaining more than \$600,000 in stimulus funding to construct this roadway and drainage improvement project. The project included drainage system improvements such as new stormwater inlets, a new outfall connection, exfiltration trench for water quantity and quality treatment, new sidewalk, and new pavement markings and signage. Kimley-Horn also provided construction phase services to expedite the project and to confirm that the project was built in compliance with the design criteria. Project Cost: \$640K		
d.	<b>Dixie Highway/21st Avenue Corridor Redesign Concept and Mobility Study, Hollywood, FL</b>	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If Applicable)
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Implementing complete streets solutions to achieve improved multimodal mobility and livability, including a "road diet" lane reduction to repurpose excess automobile capacity for bicyclist, pedestrian, and transit improvements. In addition, the complete streets approach established a transit-ready corridor for seamless integration of an anticipated tri-rail coastal link station along the Florida East Coast (FEC) Railroad. Project Cost: \$82,086		
e.	<b>Broward Metropolitan Planning Organization (MPO), Complete Streets Initiative, Broward County, FL</b>	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable)
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Kimley-Horn initially prepared the Complete Streets Master Plan in 2013, which defined a program of investment and identified specific projects through a unique analysis of identifying "project bundle areas" that will create a network of Complete Streets in areas of greatest need and social equity challenges. Kimley-Horn conducted Walking Audits and developed an updated Complete Streets Design Guidelines 2.0. Project Cost: \$845,686		

# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

<b>12. NAME</b> <b>Adrian Dabkowski, P.E., PTOE</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Traffic Planning/Traffic Engineering</b>	<b>14. YEARS EXPERIENCE</b> <table border="1"> <tr> <td>a. TOTAL 19</td> <td>b. WITH CURRENT FIRM 16</td> </tr> </table>		a. TOTAL 19	b. WITH CURRENT FIRM 16
a. TOTAL 19	b. WITH CURRENT FIRM 16				
<b>15. FIRM NAME AND LOCATION (City and State)</b> Kimley-Horn and Associates, Inc., Plantation, FL					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> Master of Civil Engineering / Transportation Engineering Master of Business Administration / Marketing Bachelor of Science / Civil Engineering Technology		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> US / Pro Traffic Ops Engineer/2309 FL/Professional Engineer/78828			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> Institute of Transportation Engineers (ITE)					

## **19. RELEVANT PROJECTS**

	(2) YEAR COMPLETED		
<b>(1) TITLE AND LOCATION (City and State)</b> <b>Fort Lauderdale General On-Call Traffic Engineering Services, Fort Lauderdale, FL</b>	<table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)		
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>a.</b> Project Engineer. Kimley-Horn is providing general traffic engineering and transportation planning services as part of an on-call contract with the City. Kimley-Horn's role includes the review of traffic impact analyses/site plans submitted by private developers with tasks that included methodology development/coordination, analysis review, interdepartmental coordination, site plan review including parking garage/loading area maneuverability analysis. Work assignments also included the design of pilot complete streets projects, studies for speed limit reductions, traffic operations issues, and crosswalk warrants. Project Cost: \$400,000	<b>[X]</b> Check if project performed with current firm		
<b>(1) TITLE AND LOCATION (City and State)</b> <b>Las Olas Boulevard and Colee Hammock Neighborhood Traffic Calming, Fort Lauderdale, FL</b>	<table border="1"> <tr> <td>PROFESSIONAL SERVICES 2018</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable)
PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable)		
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>b.</b> Project Engineer. Kimley-Horn assisted the City with preliminary designs for the reconfiguration of Las Olas Boulevard. Our services also addressed traffic circulation, safety, multimodal mobility, and quality-of-life issues along the Las Olas Boulevard corridor. The project also included a traffic calming study for the Colee Hammock neighborhood. Improvements included enhanced crosswalks, raised intersection, and warning lights for improved safety. Project Cost: \$153,262	<b>[X]</b> Check if project performed with current firm		
<b>(1) TITLE AND LOCATION (City and State)</b> <b>North Bay Village Continuing Services Agreement for Planning, Utilities, Engineering, and Roadways, North Bay Village, FL</b>	<table border="1"> <tr> <td>PROFESSIONAL SERVICES 2021</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable)
PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable)		
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>c.</b> Project Engineer. Kimley-Horn provides general engineering services for the City of North Bay Village on an ongoing basis. Services have included water and wastewater studies, planning, design, permitting, and construction phase services. Project Cost: \$3.1 million	<b>[X]</b> Check if project performed with current firm		
<b>(1) TITLE AND LOCATION (City and State)</b> <b>Culmer and Lummus Park Neighborhood Traffic Calming Study Miami, FL</b>	<table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)		
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>d.</b> Project Engineer. Kimley-Horn prepared a neighborhood traffic calming study to assess the magnitude of cut-through and speeding traffic in the Culmer and Lummus Park neighborhoods within the City of Miami. The study area was generally bounded by NW 14th Street to the north, NW 1st Street to the south, Interstate 95 to the east, NW 7th Avenue/NW North River Drive to the west. The project included stakeholder meetings, data collection and analysis, Miami- Dade County and Commissioner office coordination, and the preparation of a phased traffic calming plan.	<b>[X]</b> Check if project performed with current firm		
<b>(1) TITLE AND LOCATION (City and State)</b> <b>PortMiami North Cruise Boulevard Traffic and Roadway Study, Miami, FL</b>	<table border="1"> <tr> <td>PROFESSIONAL SERVICES Ongoing</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)		
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <b>e.</b> Project Engineer. Kimley-Horn assessed the roadway capacity to determine if the proposed roadway can accommodate the anticipated circulating cruise terminal traffic associated with Cruise Terminal (CT) B as well as Cruise Terminals A, AA, and AAA considering future expansion of passenger count beyond current projects. The first phase of this project is complete with an assessment of roadways surrounding Terminal B and the development of concept drawings with proposed modifications. The second phase is now underway that will include data collection, baseline assessments, future year assessments, development of requirements, hot spot analyses, microscopic simulation analyses, and the development of alternatives for capacity enhancements. Project Cost: \$200,000	<b>[X]</b> Check if project performed with current firm		

# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>John McWilliams, P.E.</b>		13. ROLE IN THIS CONTRACT <b>Traffic Planning/Traffic Engineering</b>		14. YEARS EXPERIENCE	
				a. TOTAL <b>23</b>	b. WITH CURRENT FIRM <b>21</b>
15. FIRM NAME AND LOCATION (City and State) <b>Kimley-Horn and Associates, Inc., Plantation, FL</b>					
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Bachelor of Science / Civil Engineering</b>			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>FL/Professional Engineer/62541</b>		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <b>Institute of Transportation Engineers (ITE)</b>					
<b>19. RELEVANT PROJECTS</b>					
a.	(1) TITLE AND LOCATION (City and State) <b>Fort Lauderdale General On-Call Traffic Engineering Services, Fort Lauderdale, FL</b>		(2) YEAR COMPLETED		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer. Kimley-Horn is providing general traffic engineering and transportation planning services as part of an on-call contract with the City. Kimley-Horn's role includes the review of traffic impact analyses/site plans submitted by private developers with tasks that included methodology development/coordination, analysis review, interdepartmental coordination, site plan review including parking garage/loading area maneuverability analysis. Work assignments also included the design of pilot complete streets projects, studies for speed limit reductions, traffic operations issues, and crosswalk warrants. Project Cost: \$400,000		PROFESSIONAL SERVICES CONSTRUCTION (If Applicable)		
b.	(1) TITLE AND LOCATION (City and State) <b>NE 185th Street at NE 28th Court Traffic Signal Warrant Analysis and Signal Design, Aventura, FL</b>		(2) YEAR COMPLETED		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer. Kimley-Horn served as design engineer for the City of Aventura for the design of a new traffic signal installation at the intersection. Through early design analysis, Kimley-Horn identified the need for traffic signal equipment easements needed to provide the proper clearance from existing electrical transmission lines along the south side of the intersection. Tasks included traffic signal warrant analyses, design, utility coordination, and construction phase services. Project Cost: \$33,950		PROFESSIONAL SERVICES 2014 CONSTRUCTION (If Applicable)		
c.	(1) TITLE AND LOCATION (City and State) <b>City of Miami Transportation Program Support Services, Miami, FL</b>		(2) YEAR COMPLETED		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer for Transportation Program Support Services contract with the City of Miami. In this role, Kimley-Horn served as an extension of the City's staff assisting in the program management and administration of transportation and transit projects in the City's Capital Improvements Program (CIP). Kimley-Horn's responsibilities include providing oversight of projects encompassing planning, design, and construction activities. Kimley-Horn served as an extension of the City's staff assisting in the program management and administration of transportation and transit projects in the City's Capital Improvements Program (CIP). Kimley-Horn's responsibilities include providing oversight of projects encompassing planning, design, and construction activities. Project Cost: \$1 million		PROFESSIONAL SERVICES 2015 CONSTRUCTION (If Applicable)		
d.	(1) TITLE AND LOCATION (City and State) <b>Pompano Beach East Transit Oriented Corridor (ETOC) Transportation Analysis, Pompano Beach, FL</b>		(2) YEAR COMPLETED		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager for the City of Pompano Beach CRA to provide transportation support services for a land use plan amendment along the Atlantic Boulevard corridor to allow for increased residential/mixed-use density and improve walkability/connectivity. Duties included corridor operations analysis, transportation systems management/geometric improvements, neighborhood protection and enhancement plans, and community outreach/workshops. The City of Pompano Beach CRA selected Kimley-Horn to provide transportation support services for a land use plan amendment along the Atlantic Boulevard corridor to allow for increased residential/mixed-use density and improve walkability/connectivity. Duties included corridor operations analysis, transportation systems management/geometric improvements, neighborhood protection and enhancement plans, and community outreach/workshops. Project Cost: \$90,000		PROFESSIONAL SERVICES 2018 CONSTRUCTION (If Applicable)		
e.	(1) TITLE AND LOCATION (City and State) <b>Districtwide Traffic Operations 3R Safety Reviews, FDOT District Four, FL</b>		(2) YEAR COMPLETED		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer for a contract that involves a holistic approach to traffic enhancements in concert with planned roadway construction projects to improve the safety of the district's roadways. The department is looking at both infrastructure countermeasures in addition to public marketing/education campaigns. Kimley-Horn will be responsible for establishing the nature of the safety issue, deciding whether it can be corrected through an education/marketing campaign or whether it needs an engineering solution. We will then develop an implementation plan to address any deficiency. Project Cost: \$166,833		PROFESSIONAL SERVICES 2015 CONSTRUCTION (If Applicable)		



# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>Eric Regueiro, P.E.</b>	13. ROLE IN THIS CONTRACT <b>Roadway</b>	14. YEARS EXPERIENCE a. TOTAL <b>15</b> b. WITH CURRENT FIRM <b>15</b>	
15. FIRM NAME AND LOCATION (City and State) <b>Kimley-Horn and Associates, Inc., West Palm Beach, FL</b>			
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Bachelor of Science / Civil Engineering</b>		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>FL/Professional Engineer/86211</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <b>American Society of Civil Engineers (ASCE)</b>			

## **19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Fort Lauderdale Breakers Avenue Streetscape Improvements Project, Fort Lauderdale, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. The new design of Breakers Avenue will keep tourism, history, and the arts in mind to design a street that improves the existing transportation and infrastructure. The goal of the project is to make Breakers Avenue comfortable, connected, safe, and a memorable destination experience. Breakers Avenue will become a complete street that reduces the excess pavement, formalizes the seating and gathering spaces, and creates event spaces with the use of street trees, varied seating options, a unified material design, and a pedestrian friendly approach. Project Cost: \$10 million (construction)	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Design-Build Criteria Packages for Broward MPO Regional Complete Streets Initiatives, FDOT District Four, FL</b>	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If Applicable)
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer. Kimley-Horn provided professional engineering services for the development of five design-build criteria packages for the following locations in Broward County: Hammondville Road from Powerline Road to west of I-95; NW 31st Avenue from Commercial Boulevard to McNab Road; Powerline Road from Oakland Park Boulevard to Commercial Boulevard; Lauderdale Lakes Greenway from NW 31st Avenue to NW 29th Avenue; and Riverland Road from SR 7/US 441 to SR 842/Broward Boulevard. Project Cost: \$1.1M	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Lowson Boulevard Roadway Improvements, Delray, FL</b>	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If Applicable)
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Kimley-Horn was selected by the City of Delray Beach to provide professional engineering services to assist with the initial design and final design of the roadway improvements to Lowson Boulevard between Dover Road and S.E. 5th Avenue. The project included intensive public involvement, coordination with TPA and FDOT, shared-use paths, paving and drainage improvements, curbing, signing, and pavement marking, two railroad at-grade crossings, signal modifications, and lighting improvements. Project Cost: \$7 million (construction)	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>SE 1st Street Final Engineering Design Services, Boynton Beach, FL</b>	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable)
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Kimley-Horn was selected by the City of Boynton Beach to provide professional engineering services to for final design of the roadway improvements to SE 1st Street between Woolbright Road and SE 2nd Avenue. The project included intensive public involvement, coordination with TPA and FDOT, shared-use paths, paving and drainage improvements, curbing, signing and pavement marking, railroad at-grade crossing coordination, and redesign of intersection geometry at SE 12th Avenue. Project Cost: \$67K	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Delray Beach Tropic Isles Roadway Underground Utility Improvements, Delray Beach, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer. Kimley-Horn was retained to provide engineering services for sanitary sewer, water main, stormwater management, roadway paving and lighting improvements with potential conversion of overhead utilities to underground. The area includes a total of approximately 5.75 miles of roadways. Project Cost: \$247K	<input checked="" type="checkbox"/> Check if project performed with current firm	

# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

<b>12. NAME</b> <b>Angelina Fairchild, P.E.</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Bridge/Structural</b>	<b>14. YEARS EXPERIENCE</b> <table border="1"> <tr> <td>a. TOTAL 35</td> <td>b. WITH CURRENT FIRM 34</td> </tr> </table>		a. TOTAL 35	b. WITH CURRENT FIRM 34
a. TOTAL 35	b. WITH CURRENT FIRM 34				
<b>15. FIRM NAME AND LOCATION (City and State)</b> Kimley-Horn and Associates, Inc., West Palm Beach, FL					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> Master of Science / Civil Engineering Bachelor of Science / Architectural Engineering		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> FL/Professional Engineer/43958 LEED AP Excel CXL T Tribometrist PR/Pro Engineer Puerto Rico			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> Florida Engineering Foundation Trustee, Florida Engineering Society, U.S. Green Building Council – National Capital Region					

## **19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
<b>a.</b> (1) <b>Browns Farm Road Bridge Over Shawano Canal</b> <b>Belle Glade, FL</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager responsible for the design of bridge replacement. Duties for this three-span precast slab bridge included the initial inspection, replacement recommendations, design, and construction administration services such as bidding, contractor award, review of shop drawings, site reviews, and approval of contractor pay requests.	2006 <input checked="" type="checkbox"/> Check if project performed with current firm	2006 CONSTRUCTION (If Applicable)
<b>b.</b> (1) <b>Atlantic Boulevard Bascule Bridge Improvements including Decorative Sails and Lighting, Pompano Beach, FL</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer. Kimley-Horn served the City of Pompano Beach with CSA Architects and Burkhardt Construction to incorporate safety and aesthetic improvements to this 400-foot bascule bridge over the Intracoastal Waterway. Kimley-Horn designed a replacement traffic railing to improve safety and aesthetics, as well as an under-bridge walkway to improve pedestrian access to the water. The project involved the design and construction of enhancements to the bridge façade, tender house, traffic railings, lighting, large, tensioned sails at each end of the bridge (four total) and computerized uplighting, artwork on bridge façades, land-based lighting, and a pedestrian esplanade under the bridge connecting restaurants and buildings from the south to the north. Project Cost: \$1.7 million (construction)	2019 <input checked="" type="checkbox"/> Check if project performed with current firm	2019 CONSTRUCTION (If Applicable)
<b>c.</b> (1) <b>Implementation of Preventative Maintenance Program Protocol for Ponce Bridges 2267, 2271, 2272, 2335, 2370, and 2371 at PR-52 Ponce, PR</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Kimley-Horn implemented preservation activities according to their Systematic Preventative Maintenance Program Protocol and FHWA's Preservation Guide for Bridges 2267, 2271, 2335, 2370, and 2371 at PR-52 in Ponce, PR. The purpose was to extend the service life of the existing bridges superstructure using the latest techniques in preservation. Project Cost: \$500K	2017 <input checked="" type="checkbox"/> Check if project performed with current firm	2017 CONSTRUCTION (If Applicable)
<b>d.</b> (1) <b>Royal Palm Boulevard Improvements (Royal Palm Blvd. Bridge over Margate Canal), Margate, FL</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Our services included the engineering design and development of construction documents for Royal Palm Boulevard Improvements beginning approximately 200 feet± east of the Margate Canal and extending east to the west half right-of-way of SR 7 (441), approximately one mile in total length. The project involved realignment of the roadway, east- and westbound left-turn lanes, access management modifications, renovation of an existing bridge and medians, construction of pedestrian bridges, base enhancements, milling and resurfacing, providing new asphalt areas, swale improvements, minor drainage improvements, and lighting improvements.	2010 <input checked="" type="checkbox"/> Check if project performed with current firm	2012 CONSTRUCTION (If Applicable)
<b>e.</b> (1) <b>St. Augustine Avenida Menendez Seawall Flood Barrier Phase 1 St. Augustine, FL</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn is providing planning, permitting, design, development of bid documents and bidding services for the reinforcement, replacement and installation of a seawall with appropriate tidal backflow prevention to achieve a continuous elevation and a level of protection against a 100-year storm event. Our services will be governed, in part, by regulations and requirements stipulated in the Hazard Mitigation Grant Contract H0483 (HMGP) of which the City has secured through the State of Florida Division of Emergency Management. The Avenida Menedez seawall has protected the City of St. Augustine's historic bayfront from severe weather events for more than 180 years. As a partner to the City, we are expanding on their decade-long efforts for this seawall project to provide increased protection for City and private properties, residents, and sensitive archeological sites throughout this area. It's our priority to help bring the project vision to life.	<input checked="" type="checkbox"/> Check if project performed with current firm	CONSTRUCTION (If Applicable)



# E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME <b>Jamea Long, P.E.</b>	13. ROLE IN THIS CONTRACT Bridge/Structural	14. YEARS EXPERIENCE	
		a. TOTAL 25	b. WITH CURRENT FIRM 24
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., West Palm Beach, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL/Professional Engineer/58677	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

## 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	<b>Districtwide Minor Projects Design Consultant 2011 (US 1 over the Sebastian Inlet, Observation Pier Replacement, and Miscellaneous Bridge Repairs), FDOT District Four, Indian River and Brevard Counties, FL</b>	2015	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer for the Kimley-Horn team that is acting as an extension of FDOT District Four staff for this on-call contract. The projects vary from state to federally funded and include intersection improvements; signal operational improvements; safety improvements; Resurfacing, Restoration, and Rehabilitation (RRR); scoping of projects; cost estimation; environmental; structural; and utility services. It also includes information technology, architecture, and other services that may include developing concept reports, 3D modeling, and request for proposals (RFP) on design-build projects.		
b.	<b>Lowson Boulevard Pedestrian Bridges, Delray Beach, FL</b>	2020	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer. Kimley-Horn was retained by Delray Beach to complete a set of construction plans for two pedestrian bridges for the proposed Lowson Blvd. pedestrian bridge over Lake Worth Drainage District's (LWDD) E-4 Canal. The project also includes the preparation of a Type 1 Categorical Exclusion environmental document with permitting and coordination with LWDD and the US. Army Corps of Engineers. Project Cost: \$89,250		
c.	<b>Royal Palm Boulevard Improvements (Royal Palm Blvd. Bridge over Margate Canal), Margate, FL</b>	2010	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer. Services included the engineering design and development of construction documents for Royal Palm Boulevard Improvements beginning approximately 200 feet east of the Margate Canal and extending east to the west half right-of-way of SR 7 (441), approximately one mile in total length. The project involved realignment of the roadway, east- and westbound left-turn lanes, access management modifications, renovation of an existing bridge and medians, construction of pedestrian bridges, base enhancements, milling and resurfacing, providing new asphalt areas, swale improvements, minor drainage improvements, and lighting improvements. Project Cost: \$2.8 million		
d.	<b>Royal Park Bridge Bridgehead and Approach Design, FDOT District Four, West Palm Beach and Palm Beach, FL</b>	2006	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Analyst. Kimley-Horn designed terraced retaining walls with stairways to provide a pedestrian-friendly, landscaped transition zone from the roadway level to the surrounding Intracoastal Waterway. This project also includes a landscaped recreational path along the waterway requiring the design of a new steel sheetpile bulkhead system to replace the current deteriorating forty-year-old bulkhead wall. Additionally, a new semicircular recreational bridge along the path was added, allowing pedestrians to travel safely beneath the arched main bridge, avoiding the need to navigate through the busy roadway traffic above. Project Cost: \$50.8 million (construction)		
e.	<b>Turnpike PD&amp;E Study to Widen Florida's Turnpike from South of I-595 to Wiles Road, Broward County, FL</b>	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer. Kimley-Horn was selected for a PD&E Study to evaluate alternative improvements for the widening of a 17-mile segment of Florida's Turnpike from south of I-595 to Wiles Road. The project includes modifications to a portion of the service road and on/off ramps of Pompano service plaza to accommodate Florida's Turnpike widening. Contract Value: \$7.7M		

# E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME <b>Erin Emmons, GISP</b>	13. ROLE IN THIS CONTRACT <b>Parking, GIS</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>16</b>	b. WITH CURRENT FIRM <b>14</b>
15. FIRM NAME AND LOCATION (City and State) <b>Kimley-Horn and Associates, Inc., Plantation, FL</b>			
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Bachelor of Science / Urban and Regional Planning</b>		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>Geo Info Systems Pro</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

## 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
a.	<b>North Bay Village Continuing Services Agreement for Planning, Utilities, Engineering, and Roadways, North Bay Village, FL</b>  (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE GIS Specialist. Kimley-Horn provides general engineering services for the City of North Bay Village on an ongoing basis. Services have included water and wastewater studies, planning, design, permitting, and construction phase services. Project Cost: \$3.1 million	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable)
b.	<b>Miami Lakes Drainage GIS Data Conversion, Miami Lakes, FL</b>  (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Kimley-Horn assisted the Town with digitizing their existing utility CAD files and as-builts in a GIS format. The work included the conversion of available electronic CAD files and existing as-builts provided by the Town into GIS. Attribute information was updated using available survey data and detailed as-builts. Project Cost: \$15,941	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If Applicable)
c.	<b>Village of Pinecrest On-Call GIS Services, Pinecrest, FL</b>  (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Kimley-Horn has been contracted by the Village of Pinecrest as an on-call GIS consultant. Kimley-Horn provides on-site training to staff and has assisted the Village in the development and organization of their interagency database. Recent project support has included zoning and land use updates, website development coordination, and stormwater utility updates. Project Cost: \$71,530	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
d.	<b>Sanitary Sewer GIS Data Conversion, North Bay Village, FL</b>  (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE GIS Specialist. Kimley-Horn provided professional engineering services for the work associated with digitizing the existing North Bay Village sanitary system as-builts in a GIS format required by the Miami-Dade County (MDC) Code, enforced by DERM, and specified by the Miami-Dade Water and Sewer Department (MDWASD). The work included the conversion of available electronic CAD files and existing as-builts provided by the Village of the North Bay Village sanitary sewer into GIS. Project Cost: \$28,200	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable)
e.	<b>Fort Lauderdale Citywide Parking Study, Fort Lauderdale, FL</b>  (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. The City of Fort Lauderdale comprehensive Citywide Parking Study included evaluating parking demand, supply, parking requirements and existing utilization of the City's various parking facilities to confirm financial stability of the City's parking fund and address its short- and long-term parking needs. Project Cost: \$179,860	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable)

# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>Maddy Hollowed, E.I.</b>		13. ROLE IN THIS CONTRACT <b>GIS</b>		14. YEARS EXPERIENCE	
				a. TOTAL <b>3</b>	b. WITH CURRENT FIRM <b>3</b>
15. FIRM NAME AND LOCATION (City and State) <b>Kimley-Horn and Associates, Inc., Plantation, FL</b>					
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Bachelor / Civil Engineering</b>			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					

## **19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	<b>Miami Lakes Drainage GIS Data Conversion, Miami Lakes, FL</b>	<b>2019</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Analyst. Kimley-Horn assisted the Town with digitizing their existing utility CAD files and as-builts in a GIS format. The work included the conversion of available electronic CAD files and existing as-builts provided by the Town into GIS. Attribute information was updated using available survey data and detailed as-builts. Project Cost: \$15,941		
b.	<b>Fort Lauderdale Executive Airport (FXE), Taxiway Foxtrot Pavement Rehabilitation, Fort Lauderdale, FL</b>	<b>2020</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Analyst. Kimley-Horn was retained by the City of Fort Lauderdale to provide services for the pavement rehabilitation of Taxiway Foxtrot at Fort Lauderdale Executive Airport. The project includes the milling, resurfacing and reconstruction of 2,700 LF of airfield pavement along the western portion of Taxiway Foxtrot, including the reconstruction of the taxiway intersections to conform with current Federal Aviation Administration (FAA) Advisory Circular 150/5300-13A, change 1, relocation of airfield guidance signs and taxiway edge lights, and pavement striping. P-608 seal coat will be applied as an asphalt rejuvenation along Taxiways B, F5, L, and P north of the runway safety areas. Project Cost: \$2.2 million		
c.	<b>Broward Metropolitan Planning Organization (MPO), Complete Streets Initiative, Broward County, FL</b>	<b>2021</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst for an ongoing effort to help the Broward MPO to enhance and implement Complete Streets projects and programs. Kimley-Horn initially prepared the Complete Streets Master Plan in 2013, which defined a program of investment and identified specific projects through a unique analysis of identifying "project bundle areas" that will create a network of Complete Streets in areas of greatest need and social equity challenges. Kimley-Horn conducted Walking Audits and developed an updated Complete Streets Design Guidelines 2.0. Project Cost: \$845,686		
d.	<b>Pinecrest Village Transportation Master Plan, Pinecrest, FL</b>	<b>2019</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst for the development of a Village wide transportation master plan. Project includes the identification, development, and conceptual design of improvements along corridors and intersections focusing on traffic operations, traffic calming, and multimodal enhancements. Tasks include operational analysis, future traffic forecasting, improvement design, public outreach and cost estimating. Kimley-Horn provided professional services for the development of a Village wide transportation master plan. Project includes the identification, development, and conceptual design of improvements along corridors and intersections focusing on traffic operations, traffic calming, and multi-modal enhancements. Tasks include operational analysis, future traffic forecasting, improvement design, public outreach and cost estimating. Project Cost: \$140,000		
e.	<b>I-95 Corridor-wide Planning for Operational Deficiencies, US 1 to Broward County Line, FDOT District Six, FL</b>	<b>2019</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Analyst. Kimley-Horn developed and evaluated improvement concepts and performed a detailed planning level operational analysis for the I-95 corridor within District Six. The analysis included evaluation of the study interchanges, interchange influence areas, and ramp junctions, as well as post-implementation operational conditions of the 95 Express corridor improvements. The purpose of this evaluation was to identify deficiencies focusing on recurring bottlenecks and to develop a series of proposed improvements to address the existing and future demands of the corridor. Project Cost: \$4.1M		



# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>Luis Guerra, Inspector</b>	13. ROLE IN THIS CONTRACT <b>Construction Phase Services</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>13</b>	b. WITH CURRENT FIRM <b>5</b>

15. FIRM NAME AND LOCATION (City and State) <b>Kimley-Horn and Associates, Inc., Plantation, FL</b>
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16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>OSHA 10 Hour</b>
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <b>13 years' experience in construction materials, including Lab &amp; Field testing and inspection.</b>
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## **19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	<b>(1) TITLE AND LOCATION (City and State)</b> <b>Fort Lauderdale Executive Airport (FXE), Taxiway Foxtrot Pavement Rehabilitation, Fort Lauderdale, FL</b>	<b>2020</b>	<b>CONSTRUCTION (If Applicable)</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Kimley-Horn was retained by the City of Fort Lauderdale to provide services for the pavement rehabilitation of Taxiway Foxtrot at Fort Lauderdale Executive Airport. The project includes the milling, resurfacing and reconstruction of 2,700 LF of airfield pavement along the western portion of Taxiway Foxtrot, including the reconstruction of the taxiway intersections to conform with current Federal Aviation Administration (FAA) Advisory Circular 150/5300-13A, change 1, relocation of airfield guidance signs and taxiway edge lights, and pavement striping. P-608 seal coat will be applied as an asphalt rejuvenation along Taxiways B, F5, L, and P north of the runway safety areas. Project Cost: \$2.2 million	<b>[X]</b> Check if project performed with current firm	
b.	<b>(1) TITLE AND LOCATION (City and State)</b> <b>Pines Village Water Main Improvements   Phase II &amp; Septic Tank Conversion, Pembroke Pines, FL</b>	<b>Ongoing</b>	<b>CONSTRUCTION (If Applicable)</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Construction administrator. The project will include designing a new wastewater collection and addressing wastewater pump station and transmission system impacts as needed to meet all wastewater demands, provide system redundancy, and provide efficient wastewater disposal. Kimley-Horn will provide a water demand analysis including water supply availability, peak flows, fire flow requirements, water service connection points, meter box locations, and hydraulic modeling for a proposed water distribution system. Project Cost: \$997,000	<b>[X]</b> Check if project performed with current firm	
c.	<b>(1) TITLE AND LOCATION (City and State)</b> <b>North Bay Village Continuing Services Agreement for Planning, Utilities, Engineering, and Roadways, North Bay Village, FL</b>	<b>2021</b>	<b>CONSTRUCTION (If Applicable)</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Inspector. Kimley-Horn provides general engineering services for the City of North Bay Village on an ongoing basis. Services have included water and wastewater studies, planning, design, permitting, and construction phase services. Project Cost: \$3.1 million	<b>[X]</b> Check if project performed with current firm	
d.	<b>(1) TITLE AND LOCATION (City and State)</b> <b>North Bay Village Water Meter Replacement Program, North Bay Village, FL</b>	<b>2019</b>	<b>CONSTRUCTION (If Applicable)</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Inspector. The project included development of bid documents to replace all of the Village's existing water meters with new solid-state water meters and to implement and optimize a mobile-based advanced metering infrastructure (AMI) and water loss management system to read meters in an automated and cost-effective manner and to reduce the Village's unaccounted for and non-revenue water. The project also included developing the water meter replacement program, field coordination of existing meters for replacement, furnishing and installing the AMI system software, hardware, automated billing coordination, and providing training and installation support. Project Cost: \$403,700	<b>[X]</b> Check if project performed with current firm	
e.	<b>(1) TITLE AND LOCATION (City and State)</b> <b>Pompano Beach McNab Road Improvements, Pompano Beach, FL</b>	<b>Ongoing</b>	<b>CONSTRUCTION (If Applicable)</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Inspector. The project includes the new 10' wide sidewalks, drainage improvements, as well as roadway improvements that include reconfiguration of the alignment to account for the removal and replacement of the Cypress Creek Canal bridge. Additionally, the project includes native landscaping, lighting, pervious pavers, as well as bus shelter and associated amenities to improve the pedestrian experience. The Kimley-Horn team designed critical drainage improvements that modify existing infrastructure to account for roadway improvements, while also maintaining existing driveway connectivity. Project Cost: \$399,280	<b>[X]</b> Check if project performed with current firm	

# E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)



12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Lee Brick Reumann, PLS	SUE Survey Manager	a. TOTAL 9	b. WITH CURRENT FIRM 3
15. FIRM NAME AND LOCATION (City and State) InfraMap Corp., West Palm Beach, FL			
16. EDUCATION (Degree and Specialization) BS – Geomatics, University of Florida, Gainesville, FL 2013		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida Professional Surveyor and Mapper # LS7222  Also holds PE licenses in the following states: GA, FL, VA, SC	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers – Member American Society of Civil Engineers, Construction Institute – Member Utility Engineering and Surveying Institute - Member			

## 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Flagler Memorial Bridge Project West Palm Beach, Florida	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Serving as project manager, Mr. Reumann performed a highly accurate construction survey for a bridge crossing the intra-coastal. Survey efforts included establishing horizontal and vertical control (using closed loop traverse, RTK GPS, and closed loop leveling methods), calculating construction layout design points and structures using AutoCAD Civil3D, and obtaining as-builts throughout construction. Mr. Reumann coordinated with various subcontractors throughout the project to meet critical scheduling deadlines. <input type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Fort Lauderdale 48 Inch Force Main Emergency Project Fort Lauderdale, Florida	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE For this multiphase emergency project, Mr. Reumann served as the project manager for the InfraMap team. InfraMap provided utility designating, and utility locating (test hole) service to the client for this project. A total of 89 utility test holes were excavated for the client, and final submittal of all deliverables were made on time and under budget. <input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
SR A1A Utility Designating and Test Hole Services Vero Beach, Florida	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Serving as survey manager, Mr. Reumann led the InfraMap team to provide utility designating and test hole services along SR A1A in Vero Beach for this project. Approximately 8,000 LF of utilities were located and 75 utility test holes were performed for the client, including processing utility test holes, and delivering via FDOT standards. This project was completed on-time and on-budget. <input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
BCWWS District 3C (20-0011-001-01) SUE Services Pompano Beach, Florida	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Serving as survey manager, Mr. Reumann led the InfraMap team to provide utility designating and test hole services in the Pembroke Pines area of Broward County. The InfraMap team completed air/vacuum excavation on 125 test holes for this multiphased project, which was recently delivered to the client on time and under budget. <input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Palm Beach County Water Utilities Water Main Replacement/Relocation Projects Palm Beach County, Florida	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Serving as project manager, Mr. Reumann performed several large route surveys for engineering design (several miles of water main replacement and/or relocation). Survey efforts included establishing horizontal and vertical control (using closed loop traverse, RTK GPS, and closed loop leveling methods), collecting field data, processing data using AutoCAD Civil3D, creating digital terrain models using AutoCAD Civil3D, depicting right-of-way locations, obtaining as-builts during construction, and preparing record drawings. <input type="checkbox"/> Check if project performed with current firm		



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**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

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<b>12. NAME</b> <b>Luis Rosario, PE</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Sr. Project Engineer-Mechanical</b>	<b>14. YEARS EXPERIENCE</b> <table border="0"><tr><td><b>a. TOTAL</b></td><td><b>b. WITH CURRENT FIRM</b></td></tr><tr><td><b>30</b></td><td><b>5</b></td></tr></table>	<b>a. TOTAL</b>	<b>b. WITH CURRENT FIRM</b>	<b>30</b>	<b>5</b>
<b>a. TOTAL</b>	<b>b. WITH CURRENT FIRM</b>					
<b>30</b>	<b>5</b>					

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<b>15. FIRM NAME AND LOCATION (City and State)</b> <b>Metco Services Southeast, LLC, Fort Lauderdale, FL</b>	<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> Professional Engineer, Florida Professional Engineer, Ohio Professional Engineer, Pennsylvania Professional Engineer, Michigan
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> B.S. and M.Sc Mechanical Engineering, University of Illinois, Urbana  M.Sc and PhD Mechanical Engineering, University of South Florida , Tampa	

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**18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)**

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**19. RELEVANT PROJECTS**

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<b>1) TITLE AND LOCATION (City and State)</b> City of Hollywood – Deep Injection Wells No. 3 and No. 4 Pump Station, Hollywood, FL	<b>(2) YEAR COMPLETED</b> <table border="0"><tr><td>PROFESSIONAL SERVICES</td><td>CONSTRUCTION (if applicable)</td></tr><tr><td>Ongoing</td><td></td></tr></table>	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	Ongoing	
PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)				
Ongoing					

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**(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE** **X** Check if project performed with current firm

a. This project is integrated by two buildings: Injection Wells Pump Building and Injection Wells Service Center Building which houses three (3) generators. METCO was tasked to develop Preliminary design Task memorandum, detailed design documents and engineering services during construction for major HVAC, Plumbing & Fire Protection systems improvements. Senior Engineer responsible for providing Engineering Services to develop design documents for both buildings. Provided design phase services for HVAC, Plumbing and Fire Protection Systems which included: Permit drawings, specifications, and calculations. Participation in the bid process.

Role: Sr. Project Engineer      Metco Fee: \$145,965

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<b>1) TITLE AND LOCATION (City and State)</b> Broward County Reclaimed Water Plant Expansion Project; Broward County, Pompano Beach, FL	<b>(2) YEAR COMPLETED</b> <table border="0"><tr><td>PROFESSIONAL SERVICES</td><td>CONSTRUCTION (if applicable)</td></tr><tr><td>2019</td><td>Ongoing</td></tr></table>	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	2019	Ongoing
PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)				
2019	Ongoing				

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**(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE** Check if project performed with current firm

f. Engineer of Record responsible for providing Engineering Services to design and develop construction documents for Heating, Ventilation and Air Conditioning and Plumbing systems for a new filter compressor building and a new concrete building to house new electrical transformer associated with this expansion. Reviewed final documents and drawings on HVAC and Plumbing systems, signed and sealed final permit set. Review and respond to City/Owner comments. Signed and sealed revised set.

Role: Sr. Project Engineer      Metco Fee: \$105,065

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<b>1) TITLE AND LOCATION (City and State)</b> SDWWTP – Clarifiers and HLD (ST-2B) - Chlorine Contact and Generation and Wells PS (ST-2C) for Miami Dade Water and Sewer Dept. Miami, FL	<b>(2) YEAR COMPLETED</b> <table border="0"><tr><td>PROFESSIONAL SERVICES</td><td>CONSTRUCTION (if applicable)</td></tr><tr><td>Ongoing</td><td></td></tr></table>	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	Ongoing	
PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)				
Ongoing					

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**(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE** **X** Check if project performed with current firm

b. The project includes providing predesign, and detailed design for the renovation of the South District WWTP - Improvement and Expansion Packages 5, South Treatment 2B (ST-2B) includes improvements to the secondary clarifiers, return activated sludge (RAS) pump stations, transfer pump station, transfer pump station bypass, and deep bed filter facilities. South District Improvement and Expansion Packages 6, South Treatment 2C (ST-2C) includes improvements to chlorine contact tanks, an effluent pump station expansion, connections to three injection wells, overall grading, drainage, and other miscellaneous improvements.

Role: Sr. Project Engineer      Metco Fee: \$687,607

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<b>1) TITLE AND LOCATION (City and State)</b> Secondary Clarifiers & Odor Control Upgrades - Detailed Design, Permitting, Procurement/Bidding Assistance, and EDCS at North District Wastewater Treatment Plant, Miami, FL	<b>(2) YEAR COMPLETED</b> <table border="0"><tr><td>PROFESSIONAL SERVICES</td><td>CONSTRUCTION (if applicable)</td></tr><tr><td></td><td>Ongoing</td></tr></table>	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)		Ongoing
PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)				
	Ongoing				

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**(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE** **X** Check if project performed with current firm

c. As part of our overall contract for the program, METCO was tasked to develop Preliminary design Task memorandum, detailed design documents and engineering services during construction for major Electrical, I&C & HVAC systems improvements associated with the Secondary Clarifiers at the North District –Wastewater Treatment Plant (NDWWTP).

Role: Sr. Project Engineer      METCO's fees at \$452,597

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# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

**(Complete one Section E for each key person.)**

<b>12. NAME</b> <b>Raj Krishnasamy, P.E.</b>		<b>13. ROLE IN THIS CONTRACT</b> <b>Principal-in-Charge, Principal Engineer</b>		<b>14. YEARS EXPERIENCE</b>	
				<b>a. TOTAL</b> <b>35</b>	<b>b. WITH CURRENT FIRM</b> <b>22</b>
<b>15. FIRM NAME AND LOCATION (City and State)</b> TSFGeo, West Palm Beach, Florida					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> BS Civil Engineering, Christian Brothers University, 1987 MS Civil Engineering, University of Memphis, 1996			<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> Professional Engineer, Florida No. 53567		
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> American Society of Highway Engineers, Past President, Florida Engineering Society, Past Treasurer; Geotechnical Material Engineering Council, Past Chairman					
<b>19. RELEVANT PROJECTS</b>					
<b>a.</b>	<b>(1) TITLE AND LOCATION (City and State)</b> <b>Broward County Water and Wastewater, Pompano Beach, Florida</b>		<b>(2) YEAR COMPLETED</b>		
			<b>PROFESSIONAL SERVICES</b> <b>2020</b>		<b>CONSTRUCTION (If applicable)</b> <b>N/A</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Mr. Krishnasamy was the Principal-in-Charge for the Geotechnical Engineering Services for the Broward County Water and Wastewater project. The project consisted of drainage upgrades along roadways in Pompano Beach including NW 33 <sup>rd</sup> Court, NW 18 <sup>th</sup> Terrace, NW 33 <sup>rd</sup> Street, NW 32 <sup>nd</sup> Street and NW 16 <sup>th</sup> Terrace. Provided a geotechnical engineering report including geotechnical engineering evaluations and recommendations regarding, soil suitability and construction excavation and dewatering. ✓ <b>Completed on time</b> ✓ <b>Within bud et</b>		<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>b.</b>	<b>(1) TITLE AND LOCATION (City and State)</b> <b>54-inch Force Main, Broward County, Florida</b>		<b>(2) YEAR COMPLETED</b>		
			<b>PROFESSIONAL SERVICES</b> <b>2020</b>		<b>CONSTRUCTION (If applicable)</b> <b>N/A</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Mr. Krishnasamy was the Principal-in-Charge for the Geotechnical Engineering Services for the 54-inch Force Main project. Provided a geotechnical engineering report including geotechnical evaluations and recommendations regarding site preparation above existing pipes, site preparation with sufficient cover, construction excavation and dewatering, vibration, and settlement monitoring and pre and post construction survey, excavations, and lateral Earth pressures. ✓ <b>Completed on time</b> ✓ <b>Within bud et</b>		<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>c.</b>	<b>(1) TITLE AND LOCATION (City and State)</b> <b>Inverrary Bridge Force Main Relocation, Sunrise, Florida</b>		<b>(2) YEAR COMPLETED</b>		
			<b>PROFESSIONAL SERVICES</b> <b>2020</b>		<b>CONSTRUCTION (If applicable)</b> <b>N/A</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Mr. Krishnasamy was the Principal-in-Charge for the Geotechnical Engineering Study for the Inverrary Bridge Force Main Relocation. The project includes the construction of 1,400 LF of 12-inch FM from connection located at the Southeast corner of the at W. Inverrary Boulevard and Routed West 1,000 feet. The FM will transition underground and be routed west for 200 feet to the tie in location. Provided a geotechnical engineering report including geotechnical engineering evaluations and recommendations regarding driven pile axial capacity, trench excavation, trench backfill, and existing facilities protection consideration. ✓ <b>Completed on time</b> ✓ <b>Within bud et</b>		<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>d.</b>	<b>(1) TITLE AND LOCATION (City and State)</b> <b>Pump Station #8 Replacement, City of Hallandale Beach, Florida</b>		<b>(2) YEAR COMPLETED</b>		
			<b>PROFESSIONAL SERVICES</b> <b>2017</b>		<b>CONSTRUCTION (If applicable)</b> <b>N/A</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Mr. Krishnasamy was the Principal-in-Charge for the Geotechnical Engineering Study for Pump Station #8. The project includes replacement of existing waterline and construction of pump stations. Provided a geotechnical engineering report including geotechnical evaluations and recommendations regarding site preparation, foundations, excavations, trench backfill, lateral Earth pressures, and other considerations regarding preconstruction conditions survey. ✓ <b>Completed on time</b> ✓ <b>Within bud et</b>		<input checked="" type="checkbox"/> Check if project performed with current firm		
<b>e.</b>	<b>(1) TITLE AND LOCATION (City and State)</b> <b>Broward County Water-Waste System (BCWWS) # 104538 Davis Isles New Sewer and Water Main Replacement, Fort Lauderdale, Florida</b>		<b>(2) YEAR COMPLETED</b>		
			<b>PROFESSIONAL SERVICES</b> <b>2018</b>		<b>CONSTRUCTION (If applicable)</b> <b>N/A</b>
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Mr. Krishnasamy was the Principal-in-Charge for the Geotechnical Engineering Study for the BCWWS #104538 Davis Isles New Sewer and Water Main Replacement. The project included approximately 3,000' feet of 8" gravity sewer main, one retail lift station, less than one 100' of 6" force main to serve approximately 80 homes on SW 37 <sup>th</sup> Avenue, SW 38 <sup>th</sup> Avenue, SW 47 <sup>th</sup> Court and SW 38 <sup>th</sup> Terrace North of Griffin Road. Provided a geotechnical engineering report including geotechnical evaluations and recommendations regarding site preparation, foundations, excavations, trench backfill, lateral Earth pressures and a preconstruction conditions survey. ✓ <b>Completed on time</b> ✓ <b>Within bud et</b>		<input checked="" type="checkbox"/> Check if project performed with current firm		



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME Stephen Bailey	13. ROLE IN THIS CONTRACT Chief Electrical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 38	b. WITH CURRENT FIRM 29

15. FIRM NAME AND LOCATION (City and State)  
Bailey Engineering Consultants, Inc. (Cooper City, FL)

16. EDUCATION (DEGREE AND SPECIALIZATION)  
Bachelors of Electrical Engineering  
Georgia Institute of Technology/1983

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)  
Florida Professional Engineer #42461

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
National Society of Professional Engineers (NSPE); Institute of Electrical and Electronic Engineers (IEEE); Florida Engineering Society (FES); National Fire Protection Association (NFPA); Instrument Society of America (ISA).

**19. RELEVANT PROJECTS**

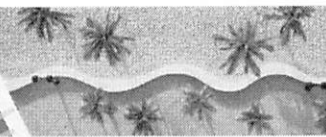
	Miramar East WTP Expansion Miramar, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) 2019
a.	Bailey Engineering Consultants, Inc. was contracted to provide electrical and instrumentation design for the Miramar East WTP upgrades project. The Project incorporated the full conversion of the EWTP to nanofiltration treatment, to allow the inactivation of the lime softening facilities. Design also included an emergency generator for the new on site WTP electrical service.		
	(1) TITLE AND LOCATION (City and State) Daytona Regional WWRF Daytona, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) 2021
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The City of Daytona Beach (CITY) owns and operates the Westside Regional Water Reclamation Facility (WRWRF). The WRWRF is an advanced wastewater treatment facility permitted to treat 15 million gallons per day (mgd) at annual average day flow (AADF). Bailey Engineering Consultants, Inc. was contracted to provide electrical and instrumentation design and general services during construction for the improvements at the WWRF. <input checked="" type="checkbox"/> Check if project performed with current firm		
	(1) TITLE AND LOCATION (City and State) Southwest WWRF North Port, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) Ongoing
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Bailey Engineering Consultants, Inc. was contracted to provide electrical and control system engineering for the referenced project. Our scope of work included the following: Provide design of electrical system for all treatment processes for the referenced facility. Design included Class 1 reliable electrical design meeting requirements of NFPA 820. Provide instrumentation and controls for treatment process. Provide SCADA interface for remote monitoring and control capability. <input checked="" type="checkbox"/> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND		
	(1) TITLE AND LOCATION (City and State) Tindall Hammock Water/Wastewater Treatment Plant Generator Davie, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) 2017
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Bailey Engineering Consultants, Inc. (BEC) provided electrical, control system design and construction management services associated with the electrical system for the water and wastewater facilities, providing EPA Class 1 reliability. The system includes: New generator system to augment the existing generator capacity. The fuel associated with the standby generator was base mounted and the entire assembly was housed in a weatherproof sound attenuated enclosure. The electrical system included a re-feed of the 400A, 3P and 200A, 3P breakers serving the Water Treatment Plant. The electrical and instrumentation systems associated with the new WWTP No.2 treatment process. <input checked="" type="checkbox"/> Check if project performed with current firm		
	(1) TITLE AND LOCATION (City and State) Altamonte Springs RWRF 4160V PDR Altamonte Springs, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable)
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Bailey Engineering Consultants, Inc. (BEC) performed an electrical evaluation of the current facility. Preliminary discussion, building layouts and single line diagrams were developed as a basis to determine the phasing and cost of the recommended improvements. BEC evaluated previous rehabilitation and capacity-oriented improvements as a basis in recommending equipment replacement and electrical redundancy improvements. Based on these analyses, a list of recommendations were developed to address problems and to improve the operational efficiency of the facility electrical system. <input checked="" type="checkbox"/> Check if project performed with current firm		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME Michael J. Avirom	13. ROLE IN THIS CONTRACT Professional Surveyor & Mapper	14. YEARS EXPERIENCE	
		a. TOTAL 28	b. WITH CURRENT FIRM 28
15. FIRM NAME AND LOCATION (City and State) Avirom & Associates, Inc. (Boca Raton, Florida)			
16. EDUCATION (DEGREE AND SPECIALIZATION) 2006 Associate in Arts / Palm Beach State College 2011 Bachelor of Arts / Florida Atlantic University Geographic Information System		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida/Professional Surveyor and Mapper License/LS7253	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION (City and State) Town of Palm Beach Undergrounding Project Palm Beach, Florida	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Route of line surveys; sketch and descriptions for utility easements; construction services to facilitate mapping entire town for underground placement of FPL lines Project Manager / CADD technician	PROFESSIONAL SERVICES On going	CONSTRUCTION (If applicable)
b.	(1) TITLE AND LOCATION (City and State) Broward College Ft. Lauderdale, Florida	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Boundary survey; construction related services Project Manager	PROFESSIONAL SERVICES On going	CONSTRUCTION (If applicable)
c.	(1) TITLE AND LOCATION (City and State) Mizner Grand Boca Raton, Florida	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Boundary, topographic survey and tree survey; building scan Project Manager	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)
d.	(1) TITLE AND LOCATION (City and State) Pier 66 Hotel Ft. Lauderdale, Florida	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Specific purpose survey to locate underground utilities Party Chief / CADD technician	PROFESSIONAL SERVICES On going	CONSTRUCTION (If applicable)
e.	(1) TITLE AND LOCATION (City and State) Mai Kai Restaurant Oakland Park, Florida	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ALTA/NSPS & Tree Survey Project Manager	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)



## 4.2.5 Approach to Scope of Work

### Understanding the City's Needs, Goals & Objectives

Kimley-Horn understands that the City of Fort Lauderdale faces a number of challenges related to planned growth and redevelopment, which will inevitably lead to necessary improvements and expanding existing resources. As the City looks to the future and takes on the continued challenges of implementing your community's vision, it is vital to have a partner with a passion for developing quality improvements and a commitment to meeting your schedule and budgetary goals.

The City of Fort Lauderdale is looking for a comprehensive consultant team to provide professional services for all listed functional areas of interest—and we are that team. ***Kimley-Horn is ready to build upon our prior experience within the City of Fort Lauderdale and put that experience to work as your Professional Services-Continuing Engineering team.***



#### Approach to Continuing Services Projects

Constructing the selected design in an efficient and timely matter, consistent with public expectations, is the last stage of successful project implementation. Good final design, accurate bid documents, and management of construction are important factors for a successful, cost-effective project. Continued effective project performance is based on sustainable design. Projects must be designed with the users in mind. Our ability to focus on providing access to City residents and business owners to their property during the construction of the improvements is an important consideration.

**The following typical project sequence demonstrates how these key components will be incorporated into our project management approach for the City. We have developed a sample design project sequence that illustrates critical tasks and milestones. In general, there are three phases to successfully complete any project assigned under this contract in a timely fashion with a focus on cost control.**

- 1. Preliminary Design**
- 2. Final Design Phase**
- 3. Construction Phase**



#### **1. Preliminary Design.**

It is during this phase that the problem is clearly defined, improvement objectives are set, and a feasible solution is developed. Our team will collect the data necessary to analyze the situation. An analysis will then be performed, and alternatives evaluated. Evaluation will include comparison of the degree to which each alternative meets the objective, cost analysis, permitability, and constructability.

Initial discussions with permitting agencies are critical at this time. The public can also be informed of the proposed project and the preferred solution. Cost implications and potential funding must also be considered during this phase. Milestones in the Preliminary Design Phase include:

- A kick-off meeting to set project objectives, scope, schedule, and team communication
- A review of analytical results for the existing conditions to ensure clear understanding of the problem and to begin developing alternatives
- When appropriate, a public meeting can be scheduled to present the results of the analysis, the alternative solutions, funding opportunities, and to obtain input



**Deliverables in the Preliminary Design Phase include data compilation in a manner acceptable to the City, an analysis in an agreed upon format, and a Preliminary Design Report including a cost analysis and recommended solution. If available, applicable grant submittals will also be prepared. Graphics and other public meeting materials will be provided to the City if needed.**

Scheduling milestone reviews with City staff will be one means by which the Kimley-Horn team will track and monitor project progress.





## 2. Final Design Phase.

At this point, a preferred design has been selected. The Kimley-Horn team will prepare complete construction documents suitable for competitive bidding. Kimley-Horn assisted the City in developing their current contract document format, which has been used on numerous successful projects. Probable construction costs will be updated as the project details are developed. Pre-application meetings will be held with review agencies and permit applications will be prepared and submitted.

Access plans for adjacent properties and maintenance of traffic issues will be considered. If available, applications for grants can be submitted again, this time for the construction phase. Milestones during the Final Design Phase include:

- A kick-off meeting to authorize the start of final design, confirmation of project scope, objectives, and schedule
- Design reviews at completion of 30%, 60%, and 90% plans
- A public meeting to present the project design, updates, schedule, and funding plan
- Permit applications

**Deliverables during this phase include complete construction documents, drawings, and specifications suitable for competitive bidding.**



## 3. Construction Phase.

The final step will be to build the project. Kimley-Horn will provide bidding services and will administer the construction contract. Using us to provide resident project services during construction has helped protect the City against defects in materials or workmanship in the construction. Kimley-Horn understands what the City requires to successfully close projects to resident satisfaction. Milestones during this phase include:

- Advertisement of the construction project
- Notice to proceed with construction
- Contract administration
- On-site observation
- Certification that construction is complete and in compliance with the plans and specifications

**Deliverables in this phase include complete as-built record drawings and construction certification. While these project milestones are the key steps in successful project completion, we believe the best-run projects are those with effective communication. We have accomplished this with the City by providing regular status reports (with meetings, when desired) emphasizing thorough coordination and communication with the City.**



## Anticipating Problems and Approaching Solutions.

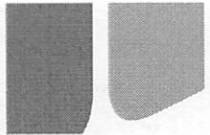
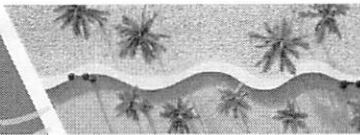
On-call contracts require a different approach from typical project-specific contracts. For the projects anticipated to develop from this contract your project manager's approach will be specific based on the necessary disciplines required to complete the assignment effectively. At Kimley-Horn, we understand that responsiveness is of the utmost importance. Kimley-Horn recognizes that strong project management techniques are necessary to successfully complete all the City's projects. Our standard management practices are outlined in a formal manual published by the firm entitled, Project Manager's Manual. This document clearly establishes the firm's policy, which requires the project manager to prepare a detailed work plan and management plan for each project, no matter the scale or complexity of the project. This includes a plan for controlling and directing all elements of the project, including schedule and budget.



## Controlling Design Costs.

Effectively controlling design costs involves different techniques, a thorough understanding of the project scope of services and management tools to track/assess design budgets. Often during design, requests are made by project reviewers, agencies, and other involved parties that may encompass project expansion to account for unanticipated improvements. Although making the necessary changes from the design perspective may be minor, there could be significant impacts on construction costs. By thoroughly understanding the scope we will alert the City project manager to a request that will impact the project design and construction costs early in the process. Managing scope creep is the most effective way to control both design and potentially construction costs.

We also use several internal techniques to track/monitor internal design costs. These include accounting software packages (CostPoint) and Excel spreadsheets.



- We use an industry standard accounting package to collect time posted to projects and assess the cost of this time against the project budget to ensure we are completing the project within the identified budget.
- For more complex projects we will use an additional production monitoring technique involving a detailed, project-specific spreadsheet that will evaluate planned project costs, current project costs, and actual earned revenue based on individual project tasks completion status. The actual earned revenue is typically referred to as an "S" curve. This technique has proven to be a resourceful tool to assist the project manager in understanding the relationship between project costs in relation to what was actually completed during this period. This powerful technique can identify, based on the three independent curves, whether a project is ahead or behind schedule and exactly how much work is required to get the project back on target.
- Our production monitoring spreadsheets can be a resource allocation tool to notify the project manager when it is necessary to add or reduce resources to keep a project on schedule and within budget.



### ***Controlling Construction Costs.***

Although monitoring scope creep will have an impact on controlling construction costs, we use several additional techniques in controlling construction costs on improvement projects. The most significant techniques include:

#### ***Construction Cost Estimating***

- We will closely monitor construction costs at each phase submittal and anytime significant changes occur to the project that may influence overall construction cost
- We will prepare a detailed opinion of probable construction cost (OPC), typically at each milestone submittal, and will utilize recently bid County projects to determine the unit prices for individual pay items.
- Unit prices will be individually evaluated based on the magnitude of work to ensure that construction costs take changing costs into consideration.
- We will update construction unit prices at each phase submittal
- Communicate instantaneously with County staff regarding cost escalation once we are aware of them.

#### ***Value Engineering Design***

- During the design of critical project features, we will assess the cost of various options and make recommendations to the City as to the most cost-effective option available.
- We will continuously scrutinize the proposed design during the process, and in particular during our QA/QC reviews, to identify cost savings opportunities that should be considered during design.
- In many instances, communication with the City is another effective approach to controlling construction costs. City staff has significant practical experience regarding what works well in the City, and by establishing a strong partnership we can more closely work together to address construction cost escalation.

The Kimley-Horn team members on the organizational chart below possess the necessary experience and local familiarity; they know your standards, preferences, and how best to deliver projects under this contract to your exact specifications. Resumes for our staff members are included at the end of this section.



### ***Communication with City Staff.***

Responsiveness is of the utmost importance, especially when providing on-call services and a variety of parallel assignments. Effective communication begins with listening to the City's ideas about, concerns regarding, and goals for each project. Communication occurs in all forms: face-to-face meetings, telephone, email, and written. Our team members all adhere to the same principles—communicate frequently, keep involved/responsible team members in the loop and, most importantly, keep the City informed and involved.

Making certain that quality our team and your staff are on the same page throughout the course of projects will help avoid or mitigate potential problems or issues that might arise. To do this, we will:

- Keep you informed through progress meetings and progress reports.
- Provide you with regular conference calls to keep you abreast of critical issues as they arise and assure your continued input throughout the process.
- Encourage ongoing electronic communications among all members of the project team. This will grant team members convenient and fast access to information and serve as a tool to keep everyone up to speed with the progress of the project.

When task work is underway, all team members can communicate with the City and within the team to work efficiently, keeping the project manager and City project manager in the loop. Our standard practice is to respond within 24 hours, even if the response is to say we do not have an answer or document yet, but to establish a time when it will be ready. We have demonstrated over the past 52 years that if the matter is urgent, we respond immediately and in person if it is appropriate.



### **Quality Assurance/Quality Control.**

Quality is a keystone principle of Kimley-Horn. It is one of the key attributes that has enabled us to become one of the leading consulting firms in the nation and is essential to our continuing success. Gary Ratay, P.E. will lead the day-to-day production efforts and be responsible for ensuring all production efforts are completed with an appropriate QA/QC process. Our formal QA/QC program is based upon assigning experienced senior professionals, who are otherwise qualified to manage a particular project, to serve in an independent quality control role. Our proposed QA/QC manager, Ignacio Lizama, P.E. will use his extensive experience to ensure we deliver the very same quality of service that is expected from Kimley-Horn.

### **Kimley-Horn's QA/QC program is constantly evolving and improving, but prioritizes the following key philosophies:**



Quality is **achieved** by adequate planning and coordination, understanding the scope of services, and the use of appropriately skilled personnel



Quality is **ensured** through the careful checking, reviewing, and surveying of work activities by individuals who are not directly responsible for the initial efforts



Quality is **controlled** by assigning a manager to evaluate all work and procedures followed while providing the services



Quality is **verified** through independent reviews by a qualified staff member of the processes, procedures, documentation, supervision, technical direction, and staffing associated with the project development



Quality work is the **"built in,"** not added on

A QA/QC review of project solutions and analysis, together with design reviews, will ensure top quality deliverables for the City. The ultimate goal of each project is to provide a safe and satisfactory outcome for the citizens of the City of Fort Lauderdale.

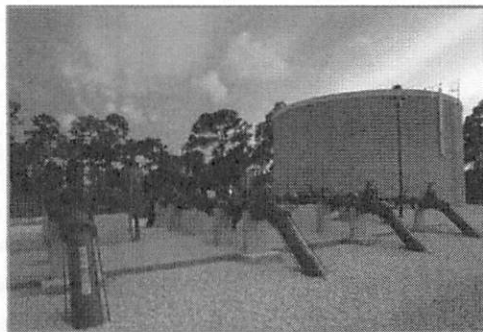


## **Our Vision, Ideas & Methodology**

### **Water and Wastewater Systems**

A good utility system starts and grows with a good plan. Kimley-Horn has a long history of helping clients plan for the future through efficient and effective utility system master planning, including potable and reclaimed water and sewer utilities. Kimley-Horn starts by understanding their clients' visions for growth and level of service and then create a plan that helps them achieve their goals cost-effectively and consistent with all applicable rules and codes. Kimley-Horn's experience with augmenting geographic information system (GIS) data where necessary and importing that data directly into modeling software saves their clients time and money and makes both the client's GIS system and hydraulic models more effective tools. In addition, Kimley-Horn's understanding of utility financing and both the initial and life-cycle costs of needed infrastructure improvements allows them to help their clients create master plans and corresponding capital improvement plans that are realistic and effective.

**Water Distribution.** Kimley-Horn's staff of professionals have award-winning experience in the design of water treatment and distribution systems (including the design of wells, master pumping stations, and water storage facilities). The firm's water treatment and distribution expertise ranges from systems as simple as aeration/chlorination to reverse osmosis, membrane softening, ion exchange, and distillation. The firm's capabilities encompass all planning, design, permitting, and construction observation services required from the onset of a project through the approval process to plant startup and operational testimony.



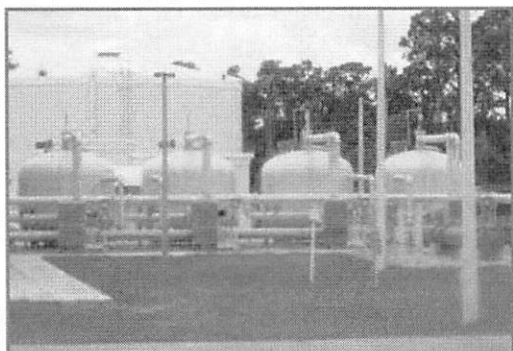


Additionally, Kimley-Horn has aquifer storage and recovery (ASR) experience in both shallow and deep aquifer systems. Our experience encompasses conceptual planning, permitting, design, construction, and testing of such ASR systems.

We have a growing list of design projects, including reverse osmosis and membrane softening systems, wells, master pumping stations, metering stations, and water storage facilities location and design. Most of our infrastructure improvement projects require our services for on-site water and for connections to citywide distribution systems. This work includes designing to avoid underground conflicts with existing utilities, on-site system layout, and regulatory compliance.

**Wastewater Collection.** Our team has the necessary expertise to provide you with the services related to wastewater infrastructure, including lift station design, force main systems, gravity systems, computer modeling, permitting, rehabilitation, and mapping. For instance, we have previously provided a hydraulic analysis of Martin County's entire wastewater force main system with more than 200 miles of gravity sewer, several thousand manholes, and more than 50 miles of force mains. This included analyzing hydraulic capacity of the force main system, understanding the operation of lift stations, and evaluating growth areas within the system. Project components include establishing the current and future demands, lift station run-time hours, and pump curve data.

**Water Distribution and Water Quality Modeling.** Our staff has a strong working knowledge of WaterCAD and WaterGEMS and is regularly involved with projects utilizing this software. We have provided modeling services to many of our utility and municipal clients for a variety of systems, including water, wastewater, reuse, and stormwater. For example, we developed Martin County's first hydraulic model of their water supply system back in 1992 and, to this day, we still provide modeling services as their system continues to grow and mature.



Kimley-Horn also has the ability to integrate water supply hydraulic models with GIS systems through the use of the WaterGEMS software. Our team is currently developing Indian River County's water system hydraulic model, using their updated GIS shape files. Their system includes two regional water plants with a combined capacity of 25 MGD and includes more than 30,000 pipes and several elevated remote storage tanks. WaterGEMS was also used by Kimley-Horn to model the Town of Palm Beach's force main system to determine the appropriate force main sizes and station upgrades necessary to reroute wastewater flows throughout the Town to provide a more cost-effective method of transmitting wastewater to the East Central Regional Water Reclamation Facility. Currently, our team provides water and wastewater system modeling for:

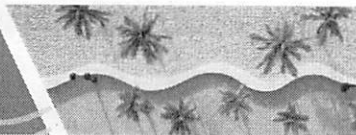
- City of Miramar
- Town of Palm Beach
- Indian River County
- Marion County
- Town of Jupiter
- Flagler County
- Martin County

Whether you're telling a local land developer how to meet your utility's requirements, determining build-out for an entire county, or master planning a major system expansion, Kimley-Horn's modeling experts know how to make the most of existing data to predict how your facilities will perform. Our models can show you how to remedy an existing problem or how to phase small improvements to maximize system efficiency. Our engineers and scientists will expertly build and calibrate a model to help you:

- Locate new connections to your water and sewer system
- Determine normal and peak system demands
- Determine fire hydrant pressure needs
- Size and plan routes for force mains and water lines
- Project capital budgets and update impact fees
- Plan for water storage in normal and emergency situations
- Optimize system operations to minimize capital expenditures

**Pump Stations and Force Main Evolutions, Improvements, and Design.** Kimley-Horn has designed hundreds of pump stations across the state for water, wastewater, and reuse. Our experience includes the design of pump stations with capacities as small as a simplex grinder pump serving a single bathroom to master wastewater stations associated with municipal service. We have also successfully designed, permitted, and placed into operation several master wastewater in-line booster pump stations. These stations have eliminated the need for wetwells, thereby eliminating odor problems while at the same time conserving energy through the use of variable frequency drives. Our staff is well equipped to design, permit, oversee construction, and implement SCADA integration for this and many other types of pump stations.

In addition to the design of new pump stations, we also perform a substantial number of pump station rehabilitation projects. We are currently rehabilitating or retrofitting stations for West Palm Beach, Palm Beach, and the City of North Bay Village. We are also in the



early design stage of a pump station for the Town of Palm Beach that involves converting an existing wetwell/dry pit station to an in-line booster station within the existing equipment building. Our rehabilitation projects include analyzing the existing pumping and control equipment to develop a rehabilitation approach to increase system efficiency, reduce system maintenance, and provide a reliable, redundant pump station to better serve all of our municipal clients.

#### **Wastewater Treatment Plant Design and Rehabilitation.**

Kimley-Horn brings to the City of Fort Lauderdale a wide range of experience including pump station design, force main systems, gravity systems, computer modeling, permitting, rehabilitation, advanced treatment technologies, chemical and process engineering, telemetry systems, effluent reuse and disposal, deep well injections, aquifer storage and recovery, and surface water discharge. We are also experienced in preparing Risk Management Plans (RMPs). Permitting will be a key task in any project under this contract and, at Kimley-Horn, we have an excellent track record and strong relationships with regulatory agencies. Relevant projects include:

- Martin County 1.75-mgd WWTP Conceptual Design
- Fruitville WWTP Expansion
- 1.5-mgd Dixie Park WWTP
- Florida Cities Water Company Hydraulic Modeling, Cybernet
- Dolomite Utilities Hydraulic Modeling, Cybernet
- City of Miami Beach I/I Study and Mitigation Program
- Town of Palm Beach Transmission System
- City of West Palm Beach Master Wastewater Collection and Transmission System

**Water Treatment Plant Design and Rehabilitation.** Our team of engineers have expertise in water treatment facility design ranging from systems as simple as aeration/chlorination to reverse osmosis, membrane softening, ion exchange, and distillation. Our capabilities encompass all planning, design, permitting, and construction observation services including the design of wells, master pumping stations, and water storage facilities.

Additionally, the firm has recent aquifer storage and recovery (ASR) experience in both shallow and deep aquifer systems. Our experience encompasses conceptual planning, permitting, design, construction, and testing of such ASR systems. ASR technology is recognized for its innovation and direct contribution to practical water conservation. Relevant water treatment and distribution projects include:

- City of Fort Myers WTP
- Tropical Farms WTP, Martin County
- Town of Jupiter Floridan Aquifer Wells
- Town of Jupiter Ground Storage Tank
- Palm Beach County Aquifer Storage and Recovery
- Fort Pierce Utilities Authority Well Replacement Program
- Martin County Water Distribution System Hydraulic Analysis
- City of Miami Beach North Shore Area Watermain Replacement
- Town of Jupiter Water System Master Plan Update

**Sewer System Evaluation Studies (SSES).** Kimley-Horn is experienced in all phases of sewer system evaluations. We routinely coordinate and perform field testing (smoke tests, night flow isolations) and inspections of sewer systems (wet and dry weather) and manholes to identify infiltration and illegal connections; perform flow mapping of sewer systems on GIS; televise the sewers; design sewer system rehabilitation programs; and perform flow monitoring. Kimley-Horn has most recently worked with North Bay Village in submitting their SSES update report to the Department of Regulatory and Economic Resources (DRER) and is currently working on developing rehabilitation plans as a Remedial Action Plan in response to the identified sanitary sewer deficiencies.

**Sewer System Rehabilitation Analysis.** Kimley-Horn offers a wide range of experience, including wastewater treatment plant design, pump station design, forcemain systems, gravity system rehabilitation, and telemetry systems. We have a growing list of collection system condition assessment projects completed, including flow monitoring, hydraulic modeling, rehabilitation/replacement recommendation, capital improvement planning, master planning, rate studies, pipe lining, pipe bursting, bypass pumping, trenchless construction, and lift station assessment and improvements.

#### **XAK-PACK: Lift Station Performance Evaluation Program**

Kimley-Horn's Lift Station Performance Evaluation Program provides owners with valuable information for the ongoing maintenance and operation of sewage pump stations as well as capital improvements planning. Kimley-Horn uses the innovative XAKPACK (pronounced "zak-pack") system and other specialized instruments to measure the performance of pumps and motors. Key benefits include:

- Saves O&M time
- Saves money
- Identifies lift station issues (pressure, flow, hydraulic, and electrical)
- Reduces down time





## Environmental

Kimley-Horn maintains an experienced team of environmental scientists, geologists, hydrogeologists, biologists, planners, and field technicians with expertise in a wide range of environmental planning and problem-solving services, including permitting, site location studies, environmental assessment reports, and environmental analyses. This team is also familiar with regional issues and interacts with federal, state, and local government agencies daily. They stay abreast of current environmental regulations and regularly participate in rule making decision so that they can understand how proposed changes affect environmental permitting and regulations. Kimley-Horn has an excellent record of accomplishment for successfully completing environmental projects across the full range of Florida's ecosystems. Our professional environmental services include:



- Contamination assessment/remediation for soils, ground water, and surface water
- Comprehensive environmental compliance evaluations
- Environmental permitting (RCRA, clean air, NPDES, 404, incidental taking, coastal construction)
- Wetland jurisdictional evaluations, functional analysis, mitigation plans, and monitoring
- Wildlife/habitat studies and mitigation planning
- Water quality assessment and monitoring
- Aerial photointerpretation, mapping, and habitat evaluation using remote sensing imagery and GIS
- Environmental assessments and impact statements

**Stormwater Management/Drainage.** The firm's drainage engineering services have been called upon for numerous state, regional, county, and municipal projects and for the majority of our major agricultural, industrial, and residential development projects as well. Our staff has the expertise to conduct the necessary studies to prepare stormwater management plans. In Florida, we have served the South Florida Water Management District and many of the local drainage subdistricts in Broward, Palm Beach, and Miami-Dade counties. Our services have encompassed drainage consultation and permit application preparation, including applications to regional water management districts and various state agencies. Representative projects include the design of canals, culvert crossings, water control structures, roads, levees, bridges, and pump stations. These project areas range in size from 400 to over 130,000 acres. Our stormwater management expertise includes hydrological and hydraulic analyses as well as surveying, planning, permitting, and designing water control structures ranging from pipes and culverts to major control structures on canals and waterways. We can address both stormwater quantity and quality issues.



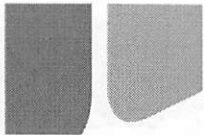
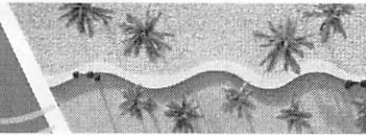
**Stormwater and Drainage Modeling.** Our staff has a strong working knowledge of InfoWater, WaterCAD, WaterGEMS, StormCAD, and ICPR. We have provided modeling services to many of our South Florida clients for a variety of systems, including water, wastewater, reuse, and stormwater. For example, we developed Martin County's first hydraulic model of their water supply system back in 1992 and, to this day, still provide modeling services to them. In June of 2015, we completed an update on the model to reflect current conditions and evaluated current fireflow. We then created a new model that showed the potential development in the County, making recommendations for long-term capital improvements to meet existing and future fireflow needs and maintain system pressures.

**Contamination Assessment Services.** Kimley-Horn's staff of professional geologists, professional engineers, hydrogeologists, environmental scientists, and biologists have successfully planned and implemented surface and subsurface contamination assessments in soil, surface water, and groundwater. From initial site assessment through site remediation, our staff members are certified to conduct hazardous waste operations in conformance with EPA and OSHA requirements. Our consulting services include the following:

**Hazardous Waste Site Assessment:** Including sampling and analysis, field sample chemical screening, geophysical surveys, soil borings, and monitoring well installation.

**Hydrogeologic Investigations:** Our services include providing support of water supply development, contamination migration assessments, and remedial planning.

**Regulator Support:** Including compliance audits, permitting, voluntary cleanup initiatives, and response to regulatory agency enforcement action.



## Transportation

Kimley-Horn offers complete transportation planning and traffic engineering services in-house. Our transportation planning and engineering services include traffic impact assessment; development of master plans; layout of roadways, access, and interchanges; development of circulation and parking plans; and design of both surface and structural parking facilities. We have completed thousands of traffic engineering projects, ranging from major area-wide systems involving hundreds of intersections to single intersection designs and analysis. Our traffic engineering staff includes experts in these areas:

- Traffic engineering general consultation
- Highway Engineering
- Signal system design
- Intersection design
- Signing and marking studies and plans
- Speed zoning studies
- Safety and operations studies and plans
- Accident analysis and testimony
- Pedestrian safety programs
- Innovative parking, access, and circulation studies
- Impact fee/concurrency analysis

We have assisted numerous municipalities in their development review and approval process. Our experience with performing and reviewing traffic analyses in Florida is unmatched, from museums and master planned mixed-use communities to gas stations and downtown office buildings. We are experienced in the review of on-site and off-site circulation plans, access management planning and evaluation, and traffic impact analysis review.

**Transit.** Whether it's light rail, commuter rail, or bus (including BRT) transit, our team can provide intermodal and multimodal solutions, unique modeling and simulation capabilities, alternatives analysis, innovative funding, and leading-edge implementation of Intelligent Transportation System (ITS) technologies. In addition, Kimley-Horn has become a leading consultant in the planning of regional and statewide transportation systems, corridor studies, transportation demand management programs, and transportation impact assessments. The firm has assisted numerous local and state agencies in developing transportation plans and programs for both short-term and long-range improvements.

For urban, regional, and statewide transit systems across the U.S., we provide comprehensive analysis, planning, and design services such as major investment studies, major route planning, alternatives analysis, line-by-line analyses, on-board surveys, demand modeling, environmental documentation, and comprehensive consensus-building activities.

**Roadway Design.** Roadway design is one of the mainstays of our firm's professional practice. Collectively, our engineers have been responsible for the design of more than 2,500 miles of roadway across the U.S. We have provided these services for urban, rural, primary, secondary, and interstate roadways for clients ranging from municipalities and state departments of transportation to private developers. We are well equipped to address any aspect related to roadway design, such as intersection geometrics, utility relocations, traffic control, signalization, signing and marking, structural/bridge design, and other features. While performing our roadway design services, we have gained substantial experience in dealing with regulatory and other agencies across the country to secure the permits and approvals necessary for the building and upgrading of roadway facilities, particularly when complex drainage design and right-of-way issues arise.

**Bridge Design.** Collectively, our engineers have been responsible for the design of 700 bridges and inspection of more than 3,500 bridges, many of which have also included hydraulic analyses. With staff certified in both bridge inspection and scuba diving, we have logged hundreds of hours of underwater inspections.

Kimley-Horn's bridge design and inspection clients include state departments of transportation, cities, counties, airport authorities, and private developers. Our experience with a variety of structural systems, including post-tensioned box girder, precast and conventional reinforced concrete, and steel beam and girder structures, enables us to readily address a clients' needs, schedule, and budget.

**Parking.** Our parking professionals collaborate closely with our planners and engineers, providing you with a depth of understanding and resources currently unmatched in the parking industry. Our team can help you explore solutions that fully integrate your parking system into the broader community. Whether it's helping your parking program serve as a catalyst for economic development, improving your program's image, enhancing customer service, reducing operating costs, or developing a sustainable new facility—we can help you and your parking system reach the next level.

**Street Lighting.** Kimley-Horn provides lighting analysis and design using IES design standards and the Federal Roadway Lighting Handbook standards to address street lighting and parking/area lighting across the country. Where required or desired, Kimley-Horn also has designed lighting systems in accordance with Dark Sky ordinances and guidelines. LED lighting requires the use of software tools that can accommodate this technology's differences from traditional lighting sources. Kimley-Horn uses the latest version of AGI32, which is capable of handling LED photometric calculations, to layout the preliminary design for pole locations and modeling the predicted lighting levels for the site.



## General Civil Engineering

**Geographic Information System (GIS) and Database Management.** GIS is a specialized planning tool that allows Kimley-Horn's planners and engineers to model and analyze different project development scenarios, from the neighborhood scale to a regional plan. GIS has become the tool of choice for the innovative ecologist, land use planner, city manager, and governmental agency. The relational database of GIS is not limited to geographical data such as land use and zoning, but can include information such as transportation, housing, infrastructure, ecology, social issues, employment, emergency services, and economic parameters. ArcMAP, AutoCAD, and MS Access are the primary tools utilized for our GIS work, and Kimley-Horn has extensive experience in data collection, conversion, and modification to meet the needs of specific projects.

**Public Involvement.** Kimley-Horn is sensitive to the pivotal role of meaningful public involvement programs that enable area residents to establish their priorities. Community involvement determines the overall design program, funding strategies, and implementation priorities. Our expertise in providing a broad range of services helps to ensure the successful implementation of your goals while addressing the specific challenges that each project entails. Our team's experience in coordinating and conducting public meetings and information sessions will relieve City staff of a considerable burden.

We are known for developing innovative approaches to projects that involve neighborhood participation. We understand that some projects require community involvement and acceptance, and we have developed effective methods of bringing the community into the process. Kimley-Horn is strongly committed to conducting public participation programs that educate, inform, and build consensus for a particular solution. Each project is different in terms of the stakeholders and the critical issues involved; thus, each public involvement program is tailored to specifically address the project's needs. If any work assignment calls for public involvement, we can accomplish this through public meetings scheduled at critical points in the process, notifying the public of meetings, and communicating as often as needed with interested citizens. Local funding is generally easier to obtain if the public is in support of the project.

**Construction Phase Services.** Our full-service consulting includes comprehensive construction administration services with experienced inspection staff. Equally important, we are experienced in inspecting all types of construction. You can have peace of mind knowing that you are working with individuals who understand the capabilities of all building methods.

In addition to receiving the benefit of our inspectors' experience during construction observation, our construction phase personnel can attend pre-construction conferences and regular project meetings, provide review and approval of pay estimates, and manage all other activities required to achieve well-coordinated construction of proposed improvements.

We offer construction-phase services on many of our projects. Our construction phase services include providing a full-time or part-time construction observation representative, evaluating equipment delivered as compared to shop drawings, and coordinating punch list observations and materials testing.



## Schedule for Accomplishing Work Tasks

Kimley-Horn recognizes that a teamwork-based approach is critical to successfully serve the City of Fort Lauderdale and exceed your expectations for each assignment. Our project management plan is centered on the combined efforts of the project manager and deputy project manager. Each assignment will be considered individually based on the City's needs and the specific skill set of various team members. This approach allows Kimley-Horn to provide efficient and productive service at a great value.

A work plan will be developed to include project elements, such as staffing, schedule, project requirements, and implementation strategies. Our approach to project management is characterized by the following proven philosophies and policies, which are ingrained in Kimley-Horn's culture:

- Develop a clear understanding of what the project is to accomplish (what products and services we will deliver) ) Develop a comprehensive work plan and schedule to accomplish the project goals (when we will deliver)
- Set weekly milestones (more manageable) that support the larger milestones
- Review milestones with the project team on a weekly basis
- Involve stakeholders as integral members of the team
- Communicate with the City regularly on project status and outstanding issues
- Coordinate with other consultants
- Create an atmosphere that encourages clear communications and teamwork to accomplish the project goals

### PublicCoordinate: A Proprietary Kimley-Horn Public Outreach Tool

This proprietary Kimley-Horn tool is a streamlined, sophisticated interactive map that makes it easier than ever to solicit feedback from the public. This tool offers enhanced capabilities such as comment input, toggling between multiple project alternatives and base maps, ADA web accessibility, custom branding, survey integration, and so much more.





## Workload and Availability

Kimley-Horn understands our team's current workload and capacity to take on additional work without impacting our ability to serve our clients. Kimley-Horn uses a proactive management information system (MIS) to continuously track our financial performance and productivity, accurately forecasting technical and manpower needs. One key elements of the MIS is a proprietary manpower forecasting tool we call the Castahead system.

This system is accessible by our project managers. It is a means of tracking and managing our staffing requirements, and meeting client schedule commitments. Updated monthly, the Castahead system forecasts our workload for the next month and the upcoming six-month period. This process ensures that staff is available to meet contracted project schedules.

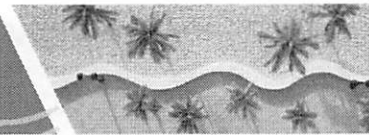
The input required of the project managers includes individual project names, as well as requests for specific personnel to work on client projects they manage. The combined input from all project managers is compiled and distributed in the form of a report to project managers and regional management for review at monthly manpower allocation meetings. Work overloads or shortages for specific personnel, individual offices, and disciplines are tabulated and resolved. Imbalances are resolved through internal shifts of personnel between offices. The objective is to balance the workload in a manner that maximizes the use of production staff while ensuring that all client project requirements are achieved and that client deadlines are met.

Based on a review of our Castahead system, we can assure the City that the staff members selected for this team are available immediately to serve the City and are in an excellent position to handle the workload. The table below overviews the current workload of our assigned team members, as well as their stated availability to work on City project.

*With more than 1,000 employees in Florida alone, it is impractical to provide a comprehensive list of active projects and completion timeframes. Based upon a review of our Castaheads system as mentioned above, our team will have significant availability to perform this project.*

Team Member	Current Workload and Percent Committed	Availability
Gary Ratay, P.E.	Various water/wastewater utility projects (35%)	65%
Marissa Maring, P.E.	Various water/wastewater utility projects (45%)	55%
Marwan Mufleh, P.E.	Various transportation/traffic projects (70%)	30%
Ignacio Lizama, P.E.	Various water/wastewater utility projects (65%)	35%
John Lafferty	Various transportation/traffic projects (55%)	45%
Tom Jensen, P.E.	Various water/wastewater utility projects (70%)	30%
Fannie Howard, P.E.	Various water/wastewater utility projects (75%)	25%
Juan Jimenez, P.E.	Various water/wastewater utility projects (50%)	50%
Samantha Graybill, P.E.	Various water/wastewater utility projects (55%)	45%
Lewis Bryant, P.E.	Various water/wastewater utility projects (75%)	25%
Jason Lee, P.E.	Various water/wastewater utility projects (6%)	35%
Kevin Schanen, P.E.	Various water/wastewater utility projects (70%)	30%
Steve Romano, P.E.	Various water/wastewater utility projects (50%)	50%
Chuck Starling, P.E.	Various water/wastewater utility projects (75%)	25%
Lance Littrell, P.E.	Various water/wastewater utility projects (75%)	25%
Mark Miller, P.E.	Various water/wastewater utility projects (80%)	20%
Nick Black, P.E.	Various water/wastewater utility projects (70%)	30%
Jason Sheasley, P.G.	Various environmental/hydrogeology projects (50%)	50%
Jill Grimaldi, BCES	Various water/wastewater utility projects (65%)	35%
Andrea Carpenter, P.E.	Various water/wastewater utility projects (75%)	25%
Sebastian Vittorino, P.E.	Various water/wastewater utility projects (70%)	30%
Carlos Florian, P.E.	Various stormwater/drainage projects (50%)	50%
Tiffany Stanton, P.E.	Various water/wastewater utility projects (60%)	40%
Amy Wicks, P.E.	Various stormwater projects (65%)	35%
Kellie Clark, P.E.	Various stormwater projects (65%)	35%
Matt Brosman, P.E.	Various stormwater/drainage projects (75%)	25%
Maggie Giraldo, P.E.	Various stormwater/solid waste projects (55%)	45%
Bill Spinner, P.G.	Various environmental projects (55%)	45%
Stewart Robertson, P.E.	Various transportation/traffic projects (70%)	30%
Adrian Dabkowski, P.E.	Various transportation/traffic projects (60%)	40%
John McWilliams, P.E.	Various transportation/traffic projects (75%)	25%
Matt Gibson, P.E.	Various transportation/traffic projects (65%)	35%
Eric Regueiro, P.E.	Various transportation/traffic projects (55%)	45%
Angelina Fairchild, P.E.	Various structural projects (75%)	25%
Jamea Long, P.E.	Various structural projects (75%)	25%
Erin Emmons, GISP	Various GIS projects (55%)	45%
Maddy Hollowed, E.I.	Various GIS projects (70%)	30%
Luis Guerra, Inspector	Various construction inspection projects (65%)	35%





## Facilities, Technological Capabilities, and Available Resources

**Computer Aided Design and Drafting Capabilities.** Kimley-Horn stays at the forefront of state-of-the-art engineering and surveying technology and is well prepared to focus on the client's system-specific needs. We currently use AutoCAD Civil 3D 2020; therefore, our electronic drawings will be compatible with the County's CADD software. We have the proficiency to import and export all versions of AutoCAD DWG and DXF files, as well as ESRI Arcinfo, Arcinfo exports (\*.E00), ESRI shapes, and Mapinfo files (\*.mif). In addition, our software is linked locally and firmwide through our network system. Kimley-Horn will produce drawings using AutoCAD Civil 3D 2020 as the primary CADD software.

Kimley-Horn uses 3D Revit models managed in BIM 360 for easy access and sharing. These Revit models are uploaded to the cloud and can be accessed by designated project managers at the County using a simple web interface during the design and construction process for review. They can also be later uploaded to a long-term database to keep accurate digital 3D records for the future or exported to AutoCAD Civil 3D 2020 dwg files. Kimley-Horn has the full suite ESRI packages, and they are used daily in each of our market sectors.

**Autodesk Experience and Capabilities.** Kimley-Horn has considerable experience using Autodesk. This guarantees that your plans will be developed efficiently, on time and they will look just the way you want them to look. Kimley-Horn has over 275 professional staff in 4 offices in South Florida, over 100 of which use Civil3D daily on projects located in South Florida, along with a team of 4 CAD managers who lead production staff.

**3D Modeling/Visualization.** Kimley-Horn uses SketchUp, Lumion, and Autodesk Revit in all phases of a project as both a graphic illustration tool and a highly functional design tool. These programs are used to graphically communicate our ideas and designs to our clients in an attractive and compelling way. We have helped countless disciplines across multiple industries to communicate and refine their ideas and designs. 3D visualization, including before-and-after improvement concepts, is necessary during the public involvement and consensus building phases of any project. Not only is 3D representation a wonderful way to get people excited about a project, but it is also a great way to solve potential design conflicts. Our in-house 3D visualization capabilities and services truly raise the bar and separate us from the competition.

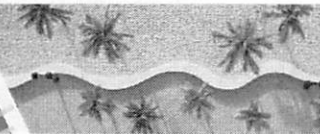
**Supporting Collaborative Remote Working Environments.** With the Covid-19 pandemic, we have had to explore several software platforms to better allow physical distancing design while operating from a home environment. While most of our design staff are back in the office, we are still using some of these platforms in our collaborative efforts with support offices. Below is a summary of some of those platforms and software packages that have helped better support collaborative remote working environments.

**ProjectWise** – This Bentley-based document management software helps to manage, share, and distribute our design files and engineering content on a single remotely accessible platform. Other offices can access the same files as our local office on the same folder structure which eliminates the possibility of overwriting files and eliminates the need to copy the files locally to a computer.

**BlueBeam Revu** – The upgraded version of this software has all but eliminated the paper hard copy QC procedures of old. Features include a comparison function between differing PDFs which allows our reviewers to see exactly what has changed from one submittal to another and quickly backcheck quantity differences.

**Microsoft Teams** – This platform has allowed for screen sharing, multi-person collaboration from multiple locations, and assigns tasks and schedules seamlessly.

**Wikimapping** – This unique platform uses crowdsourcing input on a map graphic prepared by our team for public input. This allows users to place “sticky notes” from their mobile phones or home computers to outline areas of concern or known problems on a corridor. This helps create valuable public input to solve potentially unknown issues along a corridor.



## 4.2.6. References

You may ask why these clients would choose Kimley-Horn out of all the other consulting firms. Chances are they'd tell you it was because we have a reputation for making them successful. We listen to their needs, meet their schedules, accomplish their missions, deliver results, and exceed expectations. In addition, 85% of our clients are repeat customers. The relationship is what we build together. You simply won't find this caliber of service anywhere else.

### Pines Village Water Main Improvements and Septic Tank Conversion | Pembroke Pines, FL

Kimley-Horn was selected by the City of Pembroke Pines to design a new distribution system that will meet all water demands, provide system redundancy, improve operation and maintenance, and focus on minimizing project costs through accurate hydraulic modeling and efficient design. Our team will provide a water demand analysis including water supply availability, peak flows, fire flow requirements, water service connection points, meter box locations, and hydraulic modeling for a proposed water distribution system. Kimley-Horn will also provide a wastewater system analysis required for a septic to sewer conversion.

**George Wvres, Assistant Utilities Director, City of Pembroke Pines**

**10100 Pines Blvd., Pembroke Pines, FL 33026**

**954.518.9040  
gwrves@ppines.com**

Date Completed	Ongoing
Total Estimated Fee	\$997,456.00
Total Cost Completed	\$497,447.90

### 24-Inch Water Main and 24-inch Force Main Subaqueous Intracoastal Crossings | West Palm Beach, FL

As a result of FDOT relocating the Flagler Memorial Bridge, the City of West Palm Beach was required to relocate an existing 24-inch water main that conflicted with the location of the proposed bridge. To implement the most beneficial location for the new water main,

Kimley-Horn was retained to develop a route evaluation study. Four alternatives were evaluated to cross the Intracoastal Waterway. Once the route was selected, Kimley-Horn provided design, permitting, bid, and construction phase services for the project. The design included a 2,700-foot long subaqueous crossing of the Lake Worth Lagoon and more than 1,000 linear feet of upland pipeline through downtown West Palm Beach and the Town of Palm Beach. Permits were obtained from the U.S. Army Corps of Engineers, FDEP, and FDOT.

**Laura Le, Senior Project Manager, City of West Palm Beach**

**401 Clematis Street, Fourth Floor, West Palm Beach, FL 33401**

**561.494.1093  
lle@wpb.org**

Date Completed	6/1/2012
Total Estimated	\$4.6 million
Total Cost Completed	\$4.1 million

### Cutler Bay Continuing Services and Stormwater Master Plan | Cutler Bay, FL

Kimley-Horn developed a stormwater master plan to address flood protection activities for the Town of Cutler Bay's residents and to protect the environmental quality of its canals. Kimley-Horn also developed a stormwater management report to assist the Town in creating a stormwater utility, which generates a dedicated stream of revenue to implement capital improvements and maintain an operation and maintenance program associated with the stormwater system.

Kimley-Horn also developed the stormwater utility fee methodology and established the range of rates for the utility to implement improvements. The project tasks included compiling data, developing a stormwater master plan, developing a stormwater management report, and assisting the Town in joining the National Flood Insurance Program (NFIP) so the community has future access to federally funded flood insurance and submitting applications and a program approach for the Community Rating System. The Town also looked to Kimley-Horn for specific civil engineering expertise to help them implement their new community vision.

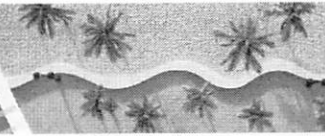
**Alfredo Qunitero, Director of Public Works**

**10720 Caribbean Blvd., Suite 105, Cutler Bay, FL 33189**

**305.234.4262 x5520  
aquintero@cutlerbay-fl.gov**

Date Completed	Varies per task
Total Estimated Fee	\$200,000
Total Cost Completed	\$200,000





## 4.2.7 Minority/Women (M/WBE) Participation

Kimley-Horn is not a M/WBE or DBE firm. However, we are committed to engaging the services of MBE/DBE firms whenever possible on a project. We believe that it is important to select MBE firms who are not only qualified but also have the ability to meet the specific needs of a project. Through corporate policy and philosophy, our firm actively seeks to encourage and promote the use of MBE firms. We provide interested firms with the opportunity to serve as a subconsultant on our teams and actively seek to increase and update our large database of qualified MBE firms to use on future projects. Our aggressive M/W/DBE utilization policy ensures that Kimley-Horn is furthering the positive economic development momentum that the state of Florida advocates through the use of minority, woman, and disadvantaged businesses by its contractors.

### Planned Efforts

Given our ongoing commitment to exceeding goals, the implementation process remains the same on a project-to-project basis firmwide. We continually pledge to provide an honest effort to meet the DBE/MBE goal for each project. We identify meaningful roles for each DBE/MBE subconsultant chosen for each project and offer our continued commitment to DBE/MBE participation for this project as well. Our DBE/MBE partners have been included on our team based on their past working experience with Kimley-Horn and the trust we have in them as quality professionals who increase the value of the work products they are involved with.

### Previous Efforts and DBE/MBE Participation Record

Kimley-Horn has a recognized track record of meeting or exceeding our clients' stated minority business participation goals. Qualified minority and woman-owned firms receive priority consideration when Kimley-Horn looks for suppliers to support its business operations. These businesses receive primary consideration in any proposal we submit for government contracts, as well as special consideration for proposals we submit for private sector projects. Our commitment to retaining minority firms to assist on projects is demonstrated by the amounts Kimley-Horn has paid to minority businesses over the past 10 years:

Year	Total Paid	No. of Minority Businesses Utilized
2021	\$54.6 million	608
2020	\$54.5 million	553
2019	\$41.5 million	364
2018	\$23.5 million	165
2017	\$22.3 million	176
2016	\$16.4 million	186
2015	\$14.3 million	195
2014	\$12.2 million	190
2013	\$10.8 million	195
2012	\$11 million	204
2011	\$9 million	214



**Kimley-Horn has minority business data for more than 20 years  
and is available upon request.**

## 4.2.8 Subconsultants

Kimley-Horn's emphasis on dynamic teamwork and quality performance serve as the foundation from which we selected our subconsultant partners for this project. We have worked diligently to pursue firms who are respected and accomplished in their respective fields and demonstrate enthusiasm to be a part of our team and serve their local community. We have a responsibility to provide the best possible client service to you as your consultant and we expect the same level of commitment from each of our subconsultants. These team members essentially operate as a seamless addition to our staff, providing superior technical skills with a balanced focus on client needs, goals, and concerns. We have recruited the following expert subconsultants to round out our team. We have worked with all these firms in the past and found them to be excellent partners and provide outstanding quality and client service.

### Avirom & Associates, Inc. | *Surveying*

Mike Avirom, PLS founded Avirom & Associates, Inc. in 1981. Avirom has extensive knowledge and experience in providing the following surveying services: boundary surveys, ALTA/NSPS land title surveys, as-built surveys, utility locate surveys, coastal mapping, construction surveys, permitting surveys, expert witness testimony, GPS control surveys, hydrographic surveys, legal descriptions, mean high water surveys, platting, plat review for compliance with Chapter 177, restoration of corners, right-of-way surveys, route surveys, specific/special purpose surveys, submerged land lease surveys, topographic surveys and wetland location surveys.

**Location:** 50 SW 2nd Ave, Boca Raton, FL 33432, 561.392.2594, [www.aviromsurvey.com](http://www.aviromsurvey.com)



### Tierra South Florida, Inc. | *Geotechnical Engineering*

**Tierra South Florida, Inc. d/b/a TSFGEO**, is a full-service consulting Geotechnical Engineering, Construction Materials Testing and Inspections Firm with capabilities to provide test borings, engineering analyses and reports, AutoCAD and Microstation plan sheets, laboratory soils testing, and construction engineering inspection services. Our professional team has been working together since 2000 and is committed to providing quality, responsive service establishing a reputation for sound approaches and professional competence in a wide range of technically demanding areas. Our services also include threshold/special inspection and roofing inspection services. TSFGEO is a certified **Disadvantaged Business Enterprise (DBE)** with the Florida Department of Transportation and a certified **Minority Business Enterprise (MBE)** with the State of Florida's Office of Supplier Diversity. Additionally, TSFGEO is a certified **Small Business Enterprise (SBE)** with the SFWMD and Pinellas County.

**Location:** Corporate Headquarters, 2765 Vista Parkway, Ste. 10, West Palm Beach, FL 33411, 561.687.8536, [www.tsfgeo.com](http://www.tsfgeo.com)



### InfraMap, Corp. | *Subsurface Utility Exploration*

Since 1987, **InfraMap Corp. (InfraMap)** has been providing professional subsurface utility engineering (SUE) and locating services. InfraMap was one of the earliest subsurface utility engineering and locating firms established, and since our founding, we have focused on being a quality leader and expert in our field. For 3 years, InfraMap has been revolutionizing the utility locating and mapping industry, developing new standards and procedures, and improving methods through technological advancements. To date, we have successfully completed some of the largest and most complex utility locating and designating projects ever undertaken. As of 2022, we have completed more than 26,000 projects, designated more than 32 million feet of utilities, and completed more than 130,000 air vacuum excavation test holes.

**Location:** 1100 N Florida Mango Rd Suite D, West Palm Beach, FL 33409, 800.314.8856, [www.inframap.net](http://www.inframap.net)



### Bailey Engineering Consultants, Inc. | *Electrical/Instrumentation & Control/SCADA*

**Bailey Engineering Consultants, Inc.** is a multi-disciplined consulting engineering firm specializing in electrical, instrumentation and SCADA system design. We provide consulting engineering services to the public and private sectors with preferential services for municipal and governmental clients. Our experience includes projects with emphasis on electrical and SCADA system designs for water, wastewater, collection facilities, drainage projects and movable bridges located throughout Florida. Bailey Engineering Consultants, Inc. is staffed to provide electrical and instrumentation engineering services from inception through design, bid, and construction completion.

**Location:** 10620 Griffin Road, Suite 202, Cooper City, FL 33328, [baileyengineering.com](http://baileyengineering.com)



### METCO | *Mechanical Engineering*

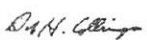
**Metco Southeast, LLC** is a minority owned firm established in 2008 to provide multidisciplinary Consulting Engineering Services to meet the needs of the communities located in the State of Florida in the areas of Water and Wastewater Systems. Metco Southeast is a Certified Small and Disadvantage Business with multiple agencies throughout the region including Miami Dade.

**Location:** 301 Clematis, Ste. 3000, West Palm Beach, FL 33401, <https://www.metcoservices.com/>





## 4.2.9 Required Forms

Client#: 25320		KIMLHORN																																																	
<b>ACORD</b>		<b>CERTIFICATE OF LIABILITY INSURANCE</b>																																																	
		DATE (MM/DD/YYYY) 3/27/2021																																																	
<p>THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.</p> <p>IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer any rights to the certificate holder in lieu of such endorsement(s).</p>																																																			
<b>PRODUCER</b> Greyling Ins. Brokerage/EPIC 3780 Mansell Road, Suite 370 Alpharetta, GA 30022		<b>CONTACT NAME:</b> Jerry Noyola <b>PHONE (A/C No. Ext):</b> 770-220-7699 <b>FAX (A/C No.):</b> <b>E-MAIL ADDRESS:</b> jerry.noyola@greyling.com																																																	
<b>INSURED</b> Kimley-Horn and Associates, Inc. 421 Fayetteville Street, Suite 600 Raleigh, NC 27601		INSURER(S) AFFORDING COVERAGE																																																	
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<p>THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>INSR LTR</th> <th>TYPE OF INSURANCE</th> <th>ADDL INSR</th> <th>SUBR WVD</th> <th>POLICY NUMBER</th> <th>POLICY EFF (MM/DD/YYYY)</th> <th>POLICY EXP (MM/DD/YYYY)</th> <th>LIMITS</th> </tr> </thead> <tbody> <tr> <td>A</td> <td> <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY  <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  <input checked="" type="checkbox"/> Contractual Liab                        GEN'L AGGREGATE LIMIT APPLIES PER  <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC  <input type="checkbox"/> OTHER:                 </td> <td></td> <td></td> <td>GL5268169</td> <td>04/01/2021</td> <td>04/01/2022</td> <td>                     EACH OCCURRENCE \$1,000,000                      DAMAGE TO RENTED PREMISES (Ea occurrence) \$500,000                      MED EXP (Any one person) \$25,000                      PERSONAL &amp; ADV INJURY \$1,000,000                      GENERAL AGGREGATE \$2,000,000                      PRODUCTS - COMPIOP AGG \$2,000,000                 </td> </tr> <tr> <td>A</td> <td>                     AUTOMOBILE LIABILITY  <input checked="" type="checkbox"/> ANY AUTO  <input type="checkbox"/> OWNED AUTOS ONLY  <input checked="" type="checkbox"/> HIRED AUTOS ONLY  <input type="checkbox"/> SCHEDULED AUTOS  <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY                 </td> <td></td> <td></td> <td>CA4489663</td> <td>04/01/2021</td> <td>04/01/2022</td> <td>                     COMBINED SINGLE LIMIT (Ea accident) \$2,000,000                      BODILY INJURY (Per person) \$                      BODILY INJURY (Per accident) \$                      PROPERTY DAMAGE (Per accident) \$                 </td> </tr> <tr> <td>B</td> <td> <input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR  <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE                      DED <input checked="" type="checkbox"/> RETENTION \$10,000                 </td> <td></td> <td></td> <td>03127930</td> <td>04/01/2021</td> <td>04/01/2022</td> <td>                     EACH OCCURRENCE \$10,000,000                      AGGREGATE \$10,000,000                 </td> </tr> <tr> <td>C</td> <td>                     WORKERS COMPENSATION AND EMPLOYERS' LIABILITY                      ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N                      (Mandatory in NH)                      If yes, describe under DESCRIPTION OF OPERATIONS below                 </td> <td></td> <td>N/A</td> <td>WC015893685 (AOS) WC015893686 (CA)</td> <td>04/01/2021 04/01/2021</td> <td>04/01/2022 04/01/2022</td> <td> <input checked="" type="checkbox"/> PER STATUTE                      E.L. 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DISEASE - POLICY LIMIT \$1,000,000                 </td> </tr> <tr> <td>D</td> <td>Professional Liab</td> <td></td> <td></td> <td>B0146LDUSA2104949</td> <td>04/01/2021</td> <td>04/01/2022</td> <td>                     Per Claim \$2,000,000                      Aggregate \$2,000,000                 </td> </tr> </tbody> </table> <p>DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)                  Umbrella Follows Form with respects to General, Automobile &amp; Employers Liability Policies.</p>				INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liab  GEN'L AGGREGATE LIMIT APPLIES PER <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC <input type="checkbox"/> OTHER:			GL5268169	04/01/2021	04/01/2022	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$500,000 MED EXP (Any one person) \$25,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMPIOP AGG \$2,000,000	A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			CA4489663	04/01/2021	04/01/2022	COMBINED SINGLE LIMIT (Ea accident) \$2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$	B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$10,000			03127930	04/01/2021	04/01/2022	EACH OCCURRENCE \$10,000,000 AGGREGATE \$10,000,000	C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	WC015893685 (AOS) WC015893686 (CA)	04/01/2021 04/01/2021	04/01/2022 04/01/2022	<input checked="" type="checkbox"/> PER STATUTE E.L. 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<b>CERTIFICATE HOLDER</b> Sample Certificate		<b>CANCELLATION</b> SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE 																																																	

**Supplier Response Form****NON-COLLUSION STATEMENT:**

By signing this offer, the vendor/contractor certifies that this offer is made independently and free from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).

3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.

**NAME****RELATIONSHIPS**

In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.

Gary Ratay, P.E.  
Authorized Signature

Project Manager/Senior Associate  
Title

Gary Ratay, P.E.  
Name (Printed)

3/25/2022  
Date

**Supplier Response Form****CONTRACTOR'S CERTIFICATE OF COMPLIANCE WITH  
NON-DISCRIMINATION PROVISIONS OF THE CONTRACT**

The completed and signed form should be returned with the Contractor's submittal. If not provided with submittal, the Contractor must submit within three business days of City's request. Contractor may be deemed non-responsive for failure to fully comply within stated timeframes.

Pursuant to City Ordinance Sec. 2-187(c), bidders must certify compliance with the Non-Discrimination provision of the ordinance.

The Contractor shall not, in any of his/her/its activities, including employment, discriminate against any individual on the basis of race, color, national origin, religion, creed, sex, disability, sexual orientation, gender, gender identity, gender expression, or marital status.

1. The Contractor certifies and represents that he/she/it will comply with Section 2-187, Code of Ordinances of the City of Fort Lauderdale, Florida, as amended by Ordinance C-18-33 (collectively, "Section 2-187").
2. The failure of the Contractor to comply with Section 2-187 shall be deemed to be a material breach of this Agreement, entitling the City to pursue any remedy stated below or any remedy provided under applicable law.
3. The City may terminate this Agreement if the Contractor fails to comply with Section 2-187.
4. The City may retain all monies due or to become due until the Contractor complies with Section 2-187.
5. The Contractor may be subject to debarment or suspension proceedings. Such proceedings will be consistent with the procedures in section 2-183 of the Code of Ordinances of the City of Fort Lauderdale, Florida.

Gary Ratay, P.E.  
Authorized Signature

\*

Gary Ratay, P.E., Project Manager/Senior Associate  
Print Name and Title

\*

3/25/2022  
Date

\*

## Supplier Response Form

### E-VERIFY AFFIRMATION STATEMENT

RFP/Bid /Contract No: Solicitation 12637-421

Civil Engineering Continuing  
Services Contract

Project Description:

Contractor/Proposer/Bidder acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of,

- (a) all persons employed by Contractor/Proposer/Bidder to perform employment duties within Florida during the term of the Contract, and,
- (b) all persons (including subcontractors/vendors) assigned by Contractor/Proposer/Bidder to perform work pursuant to the Contract.

The Contractor/Proposer/Bidder acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the Contract is a condition of the Contract.

Contractor/Proposer/ Bidder Company Name: Kimley-Horn and Associates, Inc.

Authorized Company Person's Signature: Gary Ratay, P.E.

Authorized Company Person's Title: Project Manager/Senior Associate

Date: 3/25/2022

9/15/2020



**Supplier Response Form****CONTRACT PAYMENT METHOD**

The City of Fort Lauderdale has implemented a Procurement Card (P-Card) program which changes how payments are remitted to its vendors. The City has transitioned from traditional paper checks to credit card payments via MasterCard or Visa as part of this program.

This allows you as a vendor of the City of Fort Lauderdale to receive your payments fast and safely. No more waiting for checks to be printed and mailed.

In accordance with the contract, payments on this contract will be made utilizing the City's P-Card (MasterCard or Visa). Accordingly, bidders must presently have the ability to accept these credit cards or take whatever steps necessary to implement acceptance of a card before the start of the contract term, or contract award by the City.

All costs associated with the Contractor's participation in this purchasing program shall be borne by the Contractor. The City reserves the right to revise this program as necessary.

By signing below you agree with these terms.

Please indicate which credit card payment you prefer:

☒ MasterCard

☒ Visa

Kimley-Horn and Associates, Inc  
Company Name

\*

Gary Ratay, P.E., Project Manager

\*

Name (Printed)

Gary Ratay, P.E.

\*

Signature

3/25/2022

\*

Date

Project Manager/Senior Associate

\*

Title

## Supplier Response Form

### BID/PROPOSAL CERTIFICATION

**Please Note:** It is the sole responsibility of the bidder to ensure that his bid is submitted electronically through [www.BidSync.com](http://www.BidSync.com) prior to the bid opening date and time listed. Paper bid submittals will not be accepted. All fields below must be completed. If the field does not apply to you, please note N/A in that field.

If you are a foreign corporation, you may be required to obtain a certificate of authority from the department of state, in accordance with Florida Statute §607.1501 (visit <http://www.dos.state.fl.us/>).

---

Company: (Legal Registration) Kimley-Horn and Associates, Inc \* EIN (Optional):

Address: 8201 Peters Road, Suite 2200 \*

City: Plantation \* State: FL \* Zip: 33354 \*

Telephone No.: 954-535-5112 \* FAX No.: 561.863.8175 \* Email: gary.ratay@kimley-horn.com \*

---

Delivery: Calendar days after receipt of Purchase Order (section 1.02 of General Conditions):

Total Bid Discount (section 1.05 of General Conditions):

Check box if your firm qualifies for MBE / SBE / WBE (section 1.09 of General Conditions): ☐

---

**ADDENDUM ACKNOWLEDGEMENT** - Proposer acknowledges that the following addenda have been received and are included in the proposal:

<u>Addendum No.</u>	<u>Date Issued</u>	<u>Addendum No.</u>	<u>Date Issued</u>	<u>Addendum No.</u>	<u>Date Issued</u>
1	3/11/2022				
*	*				

---

**VARIANCES:** If you take exception or have variances to any term, condition, specification, scope of service, or requirement in this competitive solicitation you must specify such exception or variance in the space provided below or reference in the space provided below all variances contained on other pages within your response. Additional pages may be attached if necessary. No exceptions or variances will be deemed to be part of the response submitted unless such is listed and contained in the space provided below. The City does not, by virtue of submitting a variance, necessarily accept any variances. If no statement is contained in the below space, it is hereby implied that your response is in full compliance with this competitive solicitation. If you do not have variances, simply mark N/A. **You must also click the "Take Exception" button.**

N/A

\*

---

The below signatory hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid/proposal.

I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal, I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this bid/proposal. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a response, that in no event shall the City's liability for respondent's direct, indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of Five Hundred Dollars (\$500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

Submitted by:

Gary Ratay, P.E.  
Name (printed)

\*

Gary Ratay, P.E.  
Signature

\*

3/25/2022  
Date

\*

Project Manager/Senior Associate  
Title

\*

Revised 4/28/2020

## Supplier Response Form



### **DISADVANTAGED BUSINESS ENTERPRISE (DBE) PREFERENCE**

Section 2-185, Code of Ordinances of the City of Fort Lauderdale, provides for a disadvantaged business enterprise preference.

In order to be considered for a DBE Preference, a bidder must include a certification from a government agency, as applicable to the DBE Preference class claimed **at the time of bid submittal**.

Upon formal request of the City, based on the application of a DBE Preference the Bidder shall, within **ten (10)** calendar days, submit the following documentation to the DBE Class claimed:

- a) Copy of City of Fort Lauderdale current year business tax receipt, **or** Broward County current year business tax receipt, **or** State of Florida active registration **and/or**
- b) List of the names of all employees of the bidder and evidence of employees' residences within the geographic bounds of the City of Fort Lauderdale or Broward County, as the case may be, such as current Florida driver license, residential utility bill (water, electric, telephone, cable television), or other type of similar documentation acceptable to the City.

Failure to comply at time of bid submittal shall result in the bidder being found ineligible for the disadvantaged business enterprise preference.

**THE COMPLETE DBE PREFERENCE ORDINANCE MAY BE FOUND ON THE CITY'S WEB SITE AT THE FOLLOWING LINK:** [https://library.municode.com/fl/fort\\_lauderdale/codes/code\\_of\\_ordinances?nodeId=COOR\\_CH2AD\\_ARTVFI\\_DIV2PR\\_S2-185EQOPDIBUEN&showChanges=true](https://library.municode.com/fl/fort_lauderdale/codes/code_of_ordinances?nodeId=COOR_CH2AD_ARTVFI_DIV2PR_S2-185EQOPDIBUEN&showChanges=true)

#### **Definitions**

- a. The term "disadvantaged class 1 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the City, and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.
- b. The term "disadvantaged class 2 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business within the limits of the City with full-time employees and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.
- c. The term "disadvantaged class 3 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the Tri-County area and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.
- d. The term "disadvantaged class 4 enterprise" shall mean any disadvantaged business enterprise that does not qualify as a Class 1, Class 2, or Class 3 business, but is located in the State of Florida and provides supporting documentation of its disadvantaged certification as established in the City's Procurement Manual.



**DISADVANTAGED BUSINESS ENTERPRISE CERTIFICATION STATEMENT**

The Business identified below certifies that it qualifies for the disadvantaged business enterprise preference classification as indicated herein, and further certifies and agrees that it will re-affirm its preference classification annually no later than **thirty (30)** calendar days prior to the anniversary of the date of a contract awarded pursuant to this solicitation. Violation of the foregoing provision may result in contract termination.

- |     |                 |  |
|-----|-----------------|--|
| (1) | (Business Name) | is a disadvantaged <b>Class 1</b> enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the City, and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.           |
| (2) | (Business Name) | is a disadvantaged <b>Class 2</b> enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business within the limits of the City with full-time employee(s) and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.   |
| (3) | (Business Name) | is a disadvantaged <b>Class 3</b> enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the Tri-County area and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual. |
| (4) | (Business Name) | is a disadvantaged <b>Class 4</b> enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that does not qualify as a Class 1, Class 2, or Class 3 business, but is located in the State of Florida and provides supporting documentation of its disadvantaged certification as established in the City's Procurement Manual.  |
| (5) | (Business Name) | requests a <b>Conditional Class 1</b> classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent to meet the requirements shall be provided to the City within three (3) months of entering into a contract with the City.   |
| (6) | (Business Name) | requests a <b>Conditional Class 2</b> classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent to meet the requirements shall be provided to the City within three (3) months of entering into a contract with the City.   |

BIDDER'S COMPANY: Kimley-Horn and Associates, Inc.

AUTHORIZED  
COMPANY  
PERSON: Gary Ratay, P.E.

Gary Ratay, P.E.

3/25/2022

PRINT NAME

SIGNATURE

DATE

Forms Non-Iso – revised 7/2/2021

**Supplier Response Form****LOCAL BUSINESS PREFERENCE CERTIFICATION STATEMENT**

Section 2-186, Code of Ordinances of the City of Fort Lauderdale, (Ordinance No. C-17-26), provides for a local business preference.

In order to be considered for a local business preference, a bidder must include the Local Business Preference Certification Statement of this bid/proposal, as applicable to the local business preference class claimed **at the time of bid submittal**.

Upon formal request of the City, based on the application of a Local Business Preference, the Bidder shall, within ten (10) calendar days, submit the following documentation for the Local Business Preference Class claimed:

- a) Copy of City of Fort Lauderdale current year business tax receipt, **or** Broward County current year business tax receipt, **and**
- b) List of the names of all employees of the bidder and evidence of employees' residences within the geographic bounds of the City of Fort Lauderdale or Broward County, as the case may be, such as current Florida driver license, residential utility bill (water, electric, telephone, cable television), or other type of similar documentation acceptable to the City.

Failure to comply at time of bid submittal shall result in the bidder being found ineligible for the local business preference.

**THE COMPLETE LOCAL BUSINESS PREFERENCE ORDINANCE MAY BE FOUND ON THE CITY'S WEB SITE AT THE FOLLOWING LINK:** [https://library.municode.com/fl/fort\\_lauderdale/codes/code\\_of\\_ordinances?nodeId=COOR\\_CH2AD\\_ARTVFI\\_DIV2PR\\_S2-186LOBUPR&showChanges=true](https://library.municode.com/fl/fort_lauderdale/codes/code_of_ordinances?nodeId=COOR_CH2AD_ARTVFI_DIV2PR_S2-186LOBUPR&showChanges=true)

**Definitions:** The term "Business" shall mean a person, firm, corporation or other business entity which is duly licensed and authorized to engage in a particular work in the State of Florida. Business shall be broken down into four (4) types of classes:

1. Class A Business – shall mean any business that has established and agrees to maintain a permanent place of business located in a non-residential zone and staffed with full-time employees within the limits of the City, **and** shall maintain a staffing level for the proposed work of at least fifty percent (50%) who are residents of the City of Fort Lauderdale.
2. Class B Business - shall mean any business that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the City, **or** shall maintain a staffing level for the proposed work of at least fifty percent (50%) who are residents of the City of Fort Lauderdale.
3. Class C Business - shall mean any business that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of Broward County.
4. Class D Business – shall mean any Business that does not qualify as either a Class A, Class B, or Class C business.

### LOCAL BUSINESS PREFERENCE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the local business preference classification as indicated herein, and further certifies and agrees that it will re-affirm its local preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this bid/proposal. Violation of the foregoing provision may result in contract termination.

- |     |  |  |
|-----|--|--|
| (1) | (Business Name)                                    | is a <b>Class A</b> Business as defined in City of Fort Lauderdale Ordinance No. C-17-26, Sec. 2-186. A copy of the City of Fort Lauderdale current year Business Tax Receipt <u>and</u> a complete list of full-time employees and evidence of their addresses shall be provided within ten (10) calendar days of a formal request by the City. |
| (2) | (Business Name)                                    | is a <b>Class B</b> Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec. 2-186. A copy of the Business Tax Receipt <u>or</u> a complete list of full-time employees and evidence of their addresses shall be provided within ten (10) calendar days of a formal request by the City.                                   |
| (3) | Kimley-Horn and Associates, Inc<br>(Business Name) | is a <b>Class C</b> Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec. 2-186. A copy of the Broward County Business Tax Receipt shall be provided within ten (10) calendar days of a formal request by the City.   |
| (4) | (Business Name)                                    | is a <b>Class D</b> Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec. 2-186, and does not qualify for Local Preference consideration.   |
| (5) | (Business Name)                                    | requests a <b>Conditional Class A</b> classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent to meet the requirements shall be provided to the City within three (3) months of entering into a contract with the City.   |
| (6) | (Business Name)                                    | requests a <b>Conditional Class B</b> classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent to meet the requirements shall be provided to the City within three (3) months of entering into a contract with the City.   |

BIDDER'S COMPANY: Kimley-Horn and Associates, Inc

AUTHORIZED  
COMPANY  
PERSON: Gary Ratay, P.E.

Gary Ratay, P.E.

3/25/2022

PRINT NAME

SIGNATURE

DATE

Forms Non-ISO – Revised 7/2/2021

# BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000

**VALID OCTOBER 1, 2021 THROUGH SEPTEMBER 30, 2022**

**DBA:**  
**Business Name:** KIMLEY-HORN & ASSOCIATES INC

**Receipt #:** 377-13600  
**Business Type:** OFFICE/SALES/BUSINESS/ADMIN  
(CORP OFFICE)

**Owner Name:** KIMLEY-HORN & ASSOCIATES INC  
**Business Location:** 8201 PETERS RD  
PLANTATION  
**Business Phone:** 954-535-5100

**Business Opened:** 02/01/1984  
**State/County/Cert/Reg:**  
**Exemption Code:**

**Rooms                      Seats                      Employees                      Machines                      Professionals**

For Vending Business Only						
Number of Machines:				Vending Type:		
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
45.00	0.00	0.00	0.00	0.00	0.00	45.00

## THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

### THIS BECOMES A TAX RECEIPT

### WHEN VALIDATED

This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.

### Mailing Address:

KIMLEY-HORN & ASSOCIATES INC  
421 FAYETTEVILLE ST STE 600  
RALEIGH, NC 27601

**Receipt #** WWW-20-00243304  
**Paid** 09/27/2021 45.00

**2021 - 2022**

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**Receipt #** WWW-20-00243304  
**Paid** 09/27/2021 45.00





City of Fort Lauderdale • Procurement Services Division  
100 N. Andrews Avenue, 619 • Fort Lauderdale, Florida 33301  
954-828-5933 Fax 954-828-5576  
[purchase@fortlauderdale.gov](mailto:purchase@fortlauderdale.gov)

## **ADDENDUM NO. 1**

**RFP/ ITB No 12637-421**

**ISSUED: 3/11/2022**

This addendum is being issued to make the following change(s):

1. The city prefers form sf330 but use of the form is optional as long as all information on the form is provided. Form is now provided in the solicitation.
2. Local business preference form has been added.

All other terms, conditions, and specifications remain unchanged.

Mary Kleinpeter-Zamora  
Purchasing Administrator

Company Name: Kimley-Horn and Associates, Inc.  
(please print)

Bidder's Signature: 

Date: 3/25/2022



## CITY MANAGER'S OFFICE

## DOCUMENT ROUTING FORM

Rev: 3 | Revision Date: 9/1/2022

TODAY'S DATE: 7/5/23

DOCUMENT TITLE: Agreement between COFL and Kimley-Horn and Associates Inc. for Civil Engineering Services

COMM. MTG. DATE: 2/21/23 CAM #: 23-0069 ITEM #: M-2 CAM attached: ☒ YES ☐ NO

Routing Origin: \_\_\_\_\_ Router Name/Ext: \_\_\_\_\_ Action Summary attached: ☐ YES ☒ NO

CIP FUNDED: ☒ YES ☐ NO

Capital Investment / Community Improvement Projects defined as having a life of at least 10 years and a cost of at least \$50,000 and shall mean improvements to real property (land, buildings, or fixtures) that add value and/or extend useful life, including major repairs such as roof replacement, etc. Term "Real Property" include land, real estate, realty, or real.

2) City Attorney's Office: Documents to be signed/routed? ☒ YES ☐ NO # of originals attached: 1

Is attached Granicus document Final? ☒ YES ☐ NO Approved as to Form: ☒ YES ☐ NO

Date to CCO: 7/10/23 Attorney's Name: Rhonda Montoya Hasan Initials: RMH

3) City Clerk's Office: # of originals: 1 Routed to: \_\_\_\_\_ Ext: \_\_\_\_\_ Date: 07/10/23

4) City Manager's Office: CMO LOG #: JUL 12 Document received from: CCO 7/10/23

Assigned to: GREG CHAVARRIA ☐ ANTHONY FAJARDO ☐ SUSAN GRANT ☐

GREG CHAVARRIA as CRA Executive Director ☐

☐ APPROVED FOR G. CHAVARRIA'S SIGNATURE ☐ N/A G. CHAVARRIA TO SIGN

PER ACM: A. FAJARDO \_\_\_\_\_ (Initial) S. GRANT \_\_\_\_\_ (Initial)

☐ PENDING APPROVAL (See comments below)

Comments/Questions: \_\_\_\_\_

Forward ☒ originals to ☐ Mayor ☒ CCO Date: 7/10/23

5) Mayor/CRA Chairman: Please sign as indicated.

Forward \_\_\_\_\_ originals to CCO for attestation/City seal (as applicable) Date: \_\_\_\_\_

## INSTRUCTIONS TO CITY CLERK'S OFFICE

City Clerk: Retains \_\_\_\_\_ original and forwards 1 originals to: Math Eaton (Name/Dept/Ext)

Attach \_\_\_\_\_ certified Reso # \_\_\_\_\_ ☐ YES ☐ NO

Original Route form to CAO

JM# 23-0198