



CITY MANAGER'S OFFICE

CITY MANAGER SIGNATURE REQUEST ROUTING FORM

Rev: 11 | Revision Date: 07/02/2025

SECTION 1 | SUMMARY INFORMATION

Date: 3/18/2026

Agenda Item Commission Memo Letter (to external agency) Other Document

Document Title/Purpose: AGREEMENT - for Request for Qualifications No. 423-2, Bridge Design and Miscellaneous Structural Engineering Services, Continuing Services Contract - CHA CONSULTING, INC - \$2,438,000 (Three Year Aggregate) - (Commission Districts 1, 2, 3 and 4)

Commission Meeting Date: 2/3/2026 CAM #: 26-0071 Item #: M-2

CAM attached: Yes No Action Summary Attached: Yes No CIP FUNDED: Yes No

Community Investment Plan (CIP) Project defined as having a life of at least 10 years and a cost of at least \$100,000 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. Term "real property" includes land, real estate, realty, or real.

SECTION 2 | REQUESTOR (CHARTER OFFICE/DEPARTMENT)

Charter Office: N/A Router Name: N/A Ext: N/A

Department: Procurement Services Router Name: Marie Flynn Ext: 5165

Department Approval (Director/Chief): Name: Glenn Marcos Init.: [Signature] Date: 3/11/2026

*Return Document To: Marie Flynn Department: Procurement Services Ext: 5165

*REMINDER: Once review and signature at the last level of government (Federal, State, County) is complete, scan the final record copy and send to the City Clerk's Office.

Scan Date: Attach Certified Resolution #: Original form route to CAO: Yes No

THE FOLLOWING SECTIONS ARE FOR CHARTER OFFICE USE ONLY

SECTION 3 | CITY ATTORNEY'S OFFICE (CAO): CAO signed/routed Required Yes No

Is the attached Granicus document final? Yes No Number of Originals Attached:

Attorney's Name: Rhonda Montoya Hason Approved as to Form: Yes No Initials: [Signature]

Route to: Finance (if applicable) Date: N/A Route to: CCO Date: 3/18/26

SECTION 4 | CITY CLERK'S OFFICE (CCO)

City Clerk Office Receive and Scan Date: Number of Originals: 1

Route to CMO Date: 03/18/26 Route to Mayor Date:

SECTION 5 | CITY MANAGER'S OFFICE (CMO)

LOG #: MAR 98 Date Received: 3/19/26 Received From: CCO

To CM/ACM: R. Williams C. Cooper Y. Matthews B. Rogers

Approved Init.: [Signature] for continuous routing to Rickelle Williams, City Manager/Executive Director

Disapproved: Comments:

Executive Assistant Route to CCO Date: 3/23/26

AGREEMENT

between

CITY OF FORT LAUDERDALE

and

CHA CONSULTING, INC.

for

**Bridge Design and Miscellaneous Structural Engineering
Services, Continuing Services Contract**

RFQ EVENT NO. 423-2

PROJECT NO. P12790/ P12597/ P12791

AGREEMENT

THIS AGREEMENT made and entered into this 23rd day of March, 2026, by and between:

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

and

CHA CONSULTING, INC., a New York corporation authorized to transact business in the state of Florida, (hereinafter referred to as "CONSULTANT") (collectively, "Parties")

WHEREAS, the City Commission of the City of Fort Lauderdale, Florida at its meeting of February 3, 2026, authorized by motion the execution of this Agreement between the CITY and CONSULTANT authorizing the performance of Bridge Design and Miscellaneous Structural Engineering Services; and

WHEREAS, the CITY issued a Request for Qualifications (RFQ) Event No. 423-2 for Bridge Design and Miscellaneous Structural Engineering Services; and

WHEREAS, Pursuant to Section 287.055, Florida Statutes (2025), as may be amended or revised, CITY has formed a Committee to evaluate CONSULTANT's statement of qualifications and performance data to ensure that CONSULTANT met the requirements of the Consultants' Competitive Negotiation Act, as set forth in Section 287.055, Florida Statutes (2025), as may be amended or revised, and selected CONSULTANT to perform services hereunder; and

WHEREAS, the CONSULTANT is experienced in providing professional services set forth in Exhibit A, Scope of Services, for Bridge Design and Miscellaneous Structural Engineering Services and is willing and able to render services for such project 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 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 ADDITIONAL SERVICES: Means services performed by the CONSULTANT authorized by Task Order and supplemental to the basic services described in this

Agreement and listed in Exhibit A, Scope of Services.

- 1.2 AGREEMENT: Means this document between the CITY and CONSULTANT dated March 23rd, 2026, and any duly authorized and executed Amendments to the Agreement.
- 1.3 CHIEF PROCUREMENT OFFICER: The individual in charge of and responsible for centralized procurement for the City, or their designee.
- 1.4 CITY: The City of Fort Lauderdale, a Florida municipality.
- 1.5 CITY COMMISSION: The governing body of the CITY.
- 1.6 CITY MANAGER: The administrative head of the CITY appointed by the City Commission.
- 1.7 CONSULTANT: CHA CONSULTING, INC., the CONSULTANT selected to perform professional services pursuant to this Agreement.
- 1.8 CONTRACT ADMINISTRATOR: The Public Works Department Director of the City of Fort Lauderdale, or his/her designee. In administration of this Agreement, as contrasted with matters of policy, all Parties may rely on instructions or determinations made by the Contract Administrator within the defined parameters of this Agreement.
- 1.9 CONTRACT DOCUMENTS: Any or all of the following documents: The Solicitation RFQ Event No. 423-2, this Agreement, all Exhibits attached to this Agreement, approved and fully executed Task Orders, Addenda or Amendments and all related documents to the Task Orders, specifications (quality) and drawings (location and quantity) of CONSULTANT, CONSULTANT's response to City of Fort Lauderdale RFQ Event No. 423-2.
- 1.10 CONTRACTOR: One or more 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 NOTICE TO PROCEED: A written authorization to proceed with a project, phase, or task thereof, issued by the Contract Administrator.
- 1.13 PROJECT: An agreed scope of work for accomplishing a specific plan or development. This may include, but is not limited to, planning, architectural, engineering, and construction support services. 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.

- 1.14 SERVICES: Consists of the work and phases set forth in Exhibit A, Scope of Services including all professional engineering, landscape architecture, registered surveying and mapping, and other professional design services, as described in each Work Authorization applicable to a project.
- 1.15 SUBCONSULTANT: A person or an entity that provides labor, supplies, or services to or for CITY through CONSULTANT in exchange for salary, wages, or other remuneration, as defined in Section 448.095, Florida Statutes (2025) for all or any portion of the Work under this Agreement. The term "Subconsultant" shall include all subcontractors.
- 1.16 SUBSTANTIAL COMPLETION: The CITY will consider the work substantially complete when the CONSULTANT submits 100% complete deliverables (i.e. Drawings, Specifications, Reports, Renderings) as described in each Task Order to the satisfaction of the CITY.
- 1.17 TASK ORDER: A document setting forth a negotiated detailed scope of services to be performed by the CONSULTANT at fixed contract prices in accordance with this Agreement between the CITY and CONSULTANT.
- 1.18 TIME OF COMPLETION: Time in which the entire work shall be completed for each Task Order.

ARTICLE 2 EXHIBITS

The following Exhibits are attached hereto and incorporated into this Agreement:

1. Exhibit A – Scope of Services
2. Exhibit B – Hourly Billing Rates

ARTICLE 3 SCOPE OF SERVICES

- 3.1 CONSULTANT shall provide all Services as set forth in the Exhibit A – Scope of Services, including all necessary, incidental, and related activities required for full and complete performance of this Agreement.
- 3.2 This Agreement and the Scope of Services may not delineate every detail and minor work task required to be performed by CONSULTANT to complete a project. If CONSULTANT determines that work should be performed to complete a project and, in CONSULTANT's opinion, that work is outside the level of effort originally

anticipated, whether or not the Scope of Services identifies the work items, CONSULTANT shall notify the Contract Administrator in writing in a timely manner before proceeding with the Work. If CONSULTANT proceeds with such work without notifying the Contract Administrator, the Work shall be deemed to be within the original level of effort, whether or not specifically addressed in the Scope of Services. Notice to the Contract Administrator does not constitute authorization or approval by CITY to CONSULTANT to perform the Work. Any such work that would entail additional compensation to CONSULTANT by CITY, or additional time for performance, shall require an amendment to this Agreement pursuant to Section 7.1 or a Work Authorization pursuant to Section 7.2. Unless there is a fully executed amendment or Work Authorization or a dispute as set forth in Section 7.3, any work performed by CONSULTANT outside the originally anticipated level of effort without prior written CITY approval shall be at no additional cost to CITY.

- 3.3 Exhibit A identifies the initial services related to this Agreement. Additional negotiations shall be required for other phases or additional services issued under this Agreement. CITY may select the type, amount, and timing of services under a Task Order executed by CONSULTANT and CITY, provided that no such selection, when combined with those goods or services required under this Agreement, would result in a payment obligation exceeding the applicable maximum amount stated in Article 6. CITY and CONSULTANT may negotiate additional services, compensation, time of performance, and other related matters, including for other phases of a project; notwithstanding the foregoing, CITY shall have the right to terminate negotiations at any time at no cost to CITY and procure services for other project phases from any other source.
- 3.4 CITY shall assist CONSULTANT by placing at CONSULTANT's disposal all information CITY has available pertinent to a project, including previous reports and any other data relative to a project. 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. CITY shall review any itemized deliverables and documents required to be submitted by CONSULTANT and respond in writing with any comments within the time set forth in the applicable Task Order. CITY shall give prompt written notice to CONSULTANT whenever CITY observes or otherwise becomes aware of any material defect in the Work of CONSULTANT or Subconsultants, or other material development that affects the scope or timing of CONSULTANT's Services.

ARTICLE 4 TASK ORDERS

- 4.1 All work to be performed by CONSULTANT under this Agreement must first be authorized in writing by a Task Order, in accordance with the requirements of this Article. The Task Orders shall be based upon the general description of basic services as described in Exhibit "A."
- 4.1.1 Before issuance of any Task Order, CONSULTANT shall provide Contract

Administrator with a written estimate for all charges expected to be incurred for the tasks associated with the Task Order. Each Work Authorization (and amendments thereto) may be executed on behalf of County as follows: (a) the Chief Procurement Officer may execute any individual Task Order for which the cost to CITY is within the Chief Procurement Officer's delegated authority; and (b) any individual Task Order above the Chief Procurement Officer's delegated authority must be approved by the City Commission.

- 4.1.2 After complete execution of a Task Order under this Agreement, Contract Administrator will issue a Notice to Proceed for that authorized work. CONSULTANT must not commence such work until receipt of a Notice to Proceed.
- 4.1.3 Any modifications to a Task Order will require an amended Work Authorization approved by Contract Administrator, CITY's Chief Procurement Officer, or City Commission as required by the City Code. CONSULTANT's compensation will not exceed the amount approved in the Task Order unless such additional amount received the prior written approval from the appropriate authority.
- 4.1.4 All Task Orders must contain, at a minimum, the following information and requirements:
 - 4.1.4.1 A description of the Work to be undertaken (which description must specify in detail the individual tasks and other activities to be performed by CONSULTANT), a reference to this Agreement under which the Work to be undertaken is authorized, and a statement of the method of compensation.
 - 4.1.4.2 A budget establishing the amount of compensation, which amount will constitute a guaranteed maximum and must not be exceeded unless prior written approval of CITY is obtained. If CITY does not approve an increase in the guaranteed maximum amount, and the need for such action is not the fault of CONSULTANT, the authorization will be terminated, and CONSULTANT will be paid in full for all work completed to that point, but said amount will in no case exceed the guaranteed maximum amount. The information contained in the budget shall be in sufficient detail to identify the various elements of costs.
 - 4.1.4.3 A time established for completion of the Services undertaken by CONSULTANT or for the submission to CITY of documents, reports, and other information under this Agreement.
 - 4.1.4.4 Any other additional instructions or provision relating to the Work authorized under this Agreement.

4.1.4.5 Task Orders must be dated, serially numbered, and signed.

ARTICLE 5

TERM OF AGREEMENT; TIME FOR PERFORMANCE; CONTRACTOR DAMAGES;
LIQUIDATED DAMAGES

- 5.1 The initial term of this Agreement is for a period of **THREE (3) YEARS** starting from the Effective Date (the "Initial Term"). The CITY reserves the right to extend the Agreement for up to **TWO (2) ADDITIONAL ONE (1) YEAR TERMS** providing all terms conditions and specifications remain the same, both Parties agree to the extension, and such extension is approved by CITY. Any renewal by CITY's Chief Procurement Officer shall not result in a substantive change to the Agreement's terms. CONSULTANT shall perform the Services within the time periods specified in the Task Order commencing from the date of the applicable Notice to Proceed.
- 5.2 CONSULTANT must receive a Notice to Proceed from the Contract Administrator prior to commencement of Services or any phase thereof under this Agreement and any operative Task Order. Prior to granting approval for CONSULTANT to proceed to any phase, the Contract Administrator may, at the Contract Administrator's sole option, require CONSULTANT to submit the itemized deliverables and documents identified in the Task Order for the Contract Administrator's review.
- 5.3 If the Contract Administrator determines that CONSULTANT is unable to complete Services under any Task Order because of delays resulting from untimely review by CITY or other governmental agencies having jurisdiction over a project and such delays are not the fault of CONSULTANT, or because of delays caused by factors outside the control of CONSULTANT, CITY shall grant a reasonable extension of time for completion of the Services and shall provide reasonable compensation, if appropriate. It shall be the responsibility of CONSULTANT to notify the Contract Administrator in writing whenever a delay in approval by a governmental agency is anticipated or experienced, and whenever a delay has been caused by factors outside of CONSULTANT's control, and to inform the Contract Administrator of all facts and details related to the delay. CONSULTANT must provide such written notice to the Contract Administrator within three (3) business days after the occurrence of the event causing the delay.
- 5.4 For any construction phase services authorized by a Task Order, if (a) CONSULTANT fails to substantially complete a project on or before the substantial completion date specified in its agreement with CITY, or (b) if CONSULTANT is granted an extension of time beyond said substantial completion date and CONSULTANT's Services are extended beyond the substantial completion date through no fault of CONSULTANT, then CONSULTANT shall be compensated in accordance with Article 6 for all Services rendered by CONSULTANT beyond the substantial completion date.
- 5.5 If CONSULTANT fails to substantially complete a project on or before the

substantial completion date specified in its agreement with CITY, and the failure to substantially complete is caused in whole or in part by CONSULTANT, then CONSULTANT shall pay to CITY its proportional share of any claim for damages to CONSULTANT arising out of the delay. The provisions for the computation of delay costs, damages, or any other amounts, whether direct or indirect, in the agreement between the CONSULTANT and CITY are incorporated herein. This section shall not affect the indemnification rights or obligations of either party otherwise set forth in this Agreement.

- 5.6 If CONSULTANT is performing Services under a Task Order scheduled to be completed after the expiration of this Agreement, CONSULTANT agrees to continue those Services until completion under the same terms and conditions as stated in the existing Work Authorization.

ARTICLE 6 COMPENSATION AND METHOD OF PAYMENT

- 6.1 Amount and Method of Compensation. The total annual cumulative amount authorized for all Task Orders issued under this Agreement shall not exceed **TWO MILLION FOUR HUNDRED THIRTY-EIGHT THOUSAND DOLLARS AND ZERO CENTS (\$2,438,000.00)**. It is agreed that the method of compensation is that of "Maximum Amount Not-to-Exceed" which means that CONSULTANT shall perform all services set forth in all Task Orders combined for total compensation amount of or less than the total stated. The hourly rate billing schedule to be used in negotiating each Task Order is attached as Exhibit B to this Agreement.
- 6.1.1 Optional Services. CITY may procure Optional Services up to a maximum not-to-exceed amount specified in the Task Order and in accordance with Article 7. Unused amounts of these Optional Services monies shall be retained by CITY.
- 6.1.2 Reimbursable Expenses. CITY will reimburse authorized Reimbursable Expenses as defined in Section 6.3 up to the maximum not-to-exceed amount specified in the Work Authorization. Unused amounts of those monies shall be retained by CITY.
- 6.1.3 Salary Costs. The maximum billing rates ("Maximum Billing Rates") payable by CITY for each of CONSULTANT's employee categories are shown on Exhibit B and are further described in Section 6.2.
- 6.1.4 Subconsultant Fees. CONSULTANT shall bill CITY for Subconsultant fees using the employee categories for Salary Costs on Exhibit B as defined in Section 6.2 and Reimbursable Expenses defined in Section 6.3. CONSULTANT shall bill Subconsultant fees with no mark-up and within any applicable maximum not to exceed amount.
- 6.1.5 Phased Amounts. Payments for Services shall be paid out in accordance

with the project's phasing specified in the Task Order and shall not exceed the amount set forth in the Task Order. The invoiced fee amount for each phase will be subject to retainage as set forth in Section 6.5.

6.2 Salary Costs. The term Salary Costs as used herein means the hourly rate actually paid to all personnel engaged directly on tasks under a Task Order issued under this Agreement, as adjusted by an overall multiplier that consists of the following: 1) a fringe benefits factor; 2) an overhead factor; and 3) an operating margin. Said Salary Costs are to be used only for time directly attributable to those tasks. The fringe benefit and overhead rates shall be CONSULTANT's most recent and actual rates determined in accordance with Federal Acquisition Regulation ("FAR") guidelines and audited by an independent Certified Public Accountant. These rates shall remain in effect for the term of this Agreement except as provided for in this Section 6.2 inclusive of the subsections below.

6.2.1 CONSULTANT shall require all of its Subconsultants to comply with the requirements of Section 6.2.

6.2.2 Salary Costs for CONSULTANT and Subconsultants as shown in Exhibit C are the Maximum Billing Rates, which are provisional, subject to audit of actual costs, and if the audit discloses that the actual costs are less than the costs set forth on Exhibit B for CONSULTANT or any Subconsultant, CONSULTANT shall reimburse CITY based upon the actual costs determined by the audit. CITY may withhold the amount CONSULTANT is required to reimburse CITY from any payment due CONSULTANT.

6.3 Reimbursable Expenses. For reimbursement of any other direct non-salary expenses directly attributable to any Task Order permitted under this Agreement, CONSULTANT agrees to adhere to Section 112.061, Florida Statutes (2025), as may be amended or revised, except to the extent otherwise stated herein. CITY shall not be liable for any such expenses that have not been approved in advance and in writing in a Task Order. Reimbursable Subconsultant expenses must also comply with the requirements of this section. Travel expenses are not allowed.

6.3.1 Direct non-salary expenses, entitled Reimbursable, 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 CONSULTANT and 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 Task Order previously billed, exceeds the amount allocated for such Task Order shall be the responsibility of CONSULTANT unless otherwise agreed to in

writing by the Contract Administrator. Travel and subsistence expenses for CONSULTANT, its 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.

6.4 Method of Billing

6.4.1 For Maximum Amount Not-To-Exceed 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 Reimbursable Expenses attributable to the Task Order. These billings shall identify the nature of the work performed, the total hours of work performed, and the employee category of the individuals performing same. The statement shall itemize and summarize Reimbursable Expenses by category and identify the personnel incurring the expense and the nature of the work with which such expense was associated. Where prior written approval by Contract Administrator is required for Reimbursable Expenses, a copy of said approval shall accompany the billing for such reimbursable. The statement shall show a summary of Salary Costs and Reimbursable Expenses with accrual of the total and credits for portions paid previously. External Reimbursable Expenses and Subconsultant fees must be documented by copies of invoices or receipts that describe the nature of the expenses and contain a project number or other identifier that clearly indicates the expense is identifiable to the Services authorized by the operative Task Order. 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, Reimbursable Expenses by category, and Subconsultant fees on a task basis, so that total hours and costs by task may be determined.

6.5 Method of Payment

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

6.5.2 Unless otherwise provided in this section, retainage in the amount of five percent (5%) of each invoice shall be retained by CITY until satisfactory completion of the applicable phase. When the Services to be performed on all phases under a Task Order are fifty percent (50%) complete, upon written request by CONSULTANT and written approval by the Contract Administrator that the Services are progressing in a satisfactory manner, the Contract Administrator, in the Contract Administrator's sole discretion,

may authorize the reduction of retainage of each invoice for subsequent payments. No amount shall be withheld from payments for Reimbursable Expenses or for Services performed during the construction phase, if applicable.

- 6.5.3 Upon CONSULTANT's completion of each phase to the satisfaction of the Contract Administrator, CITY shall remit to CONSULTANT any amounts withheld as retainage for that phase. Final payment under each Task Order must be approved by the Chief Procurement Officer.
- 6.6 Fiscal Year. The continuation of this Agreement beyond the end of any CITY fiscal year (October 1 through September 30) is subject to appropriation and the availability of funds.
- 6.7 CONSULTANT shall pay Subconsultants and suppliers providing Services under any Work Authorization issued in accordance with this Agreement within fifteen (15) days following receipt of payment from CITY for such subcontracted work or supplies. If CONSULTANT withholds an amount as retainage from a Subconsultant or supplier, CONSULTANT shall release such retainage and pay same within fifteen (15) days following receipt of payment of retained amounts from CITY. The Contract Administrator may, at its option, increase allowable retainage or withhold progress payments unless and until CONSULTANT demonstrates timely payments of sums due to all Subconsultants and suppliers. CONSULTANT shall include requirements substantially similar to those set forth in this section in its contracts with Subconsultants and suppliers.
- 6.8 Payments are scheduled to be made by CITY to CONSULTANT using a credit card/CITY Procurement Card (P-Card).

The City shall make payment to the CONSULTANT through utilization of the CITY's Purchasing Card (P-Card) Program. The CITY has implemented a P-Card Program utilizing the MASTERCARD and VISA networks. Purchases from this contract will be made utilizing the CITY's P-Card. CONSULTANT will receive payment from the purchasing card in the same manner as other credit card purchases. Accordingly, CONSULTANT must presently have the ability to accept these credit cards or take whatever steps necessary to implement the ability before the start of the contract term, or contract award by the CITY. All costs associated with the CONSULTANT's participation in this purchasing program shall be borne by the CONSULTANT. The CITY reserves the right to revise this program as necessary.

Payment Card Industry (PCI) Compliance:

CONSULTANT agrees to comply with all applicable state, federal and international laws, as well as industry best practices, governing the collection, access, use, disclosure, safeguarding and destruction of Protected Information.

CONSULTANT and/or any subcontractor that handles credit card data must be,

and remain, PCI compliant under the current standards and will provide documentation confirming compliance upon request by the CITY. Failure to produce documentation could result in termination of the Agreement.

ARTICLE 7
AMENDMENTS AND CHANGES IN SCOPE OF SERVICES

- 7.1 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 and approved by the City Commission or City Manager in accordance with the CITY's Code of Ordinances and applicable CITY resolutions.
- 7.2 CITY or CONSULTANT may request changes that would increase, decrease, or otherwise modify the Scope of Services to be provided under an operative Task Order. Unless otherwise expressly permitted herein, such changes must be made in accordance with the provisions of the CITY Procurement Code and must be contained in a written amendment, executed by the Parties hereto, with the same formality and of equal dignity herewith.
- 7.3 If a dispute between the Contract Administrator and CONSULTANT arises over whether any work requested by CITY is within the scope of contracted Services and such dispute cannot be resolved by the Contract Administrator and CONSULTANT, such dispute shall be promptly presented to City Manager or the City Manager's designee for resolution, whose decision shall be in writing and shall be final and binding on the Parties. During the pendency of any dispute, CONSULTANT shall promptly perform the disputed work.

ARTICLE 8
REPRESENTATIONS AND WARRANTIES

- 8.1 Representation of Authority. CONSULTANT represents and warrants that this Agreement constitutes the legal, valid, binding, and enforceable obligation of CONSULTANT, and that neither the execution nor performance of this Agreement constitutes a breach of any agreement that CONSULTANT has with any third party or violates any law, rule, regulation, or duty arising in law or equity applicable to CONSULTANT. CONSULTANT further represents and warrants that execution of this Agreement is within CONSULTANT's legal powers, and each individual executing this Agreement on behalf of CONSULTANT is duly authorized by all necessary and appropriate action to do so on behalf of CONSULTANT and does so with full legal authority.
- 8.2 Solicitation Representations. CONSULTANT represents and warrants that all statements and representations made in CONSULTANT's proposal, bid, or other supporting documents submitted to CITY in connection with the solicitation, negotiation, or award of this Agreement, including during the procurement or evaluation process, were true and correct when made and are true and correct as

of the date CONSULTANT executes this Agreement, unless otherwise expressly disclosed in writing by CONSULTANT.

- 8.3 Contingency Fee. CONSULTANT represents that it has not paid or agreed to pay any person or entity, 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. If this Agreement is subject to Section 287.055, Florida Statutes (2025), as may be amended or revised, the Parties agree and stipulate that the statutory language stated in Section 287.055(6)(a) is deemed included and fully incorporated herein.
- 8.4 Truth-In-Negotiation Representation. CONSULTANT's compensation under this Agreement is based upon its representations to CITY, and CONSULTANT certifies that the wage rates, factual unit costs, and other information supplied to substantiate CONSULTANT's compensation, including, without limitation, in the negotiation of this Agreement, are accurate, complete, and current as of the date CONSULTANT executes this Agreement. CONSULTANT's compensation will be reduced to exclude any significant sums by which the contract price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs.
- 8.5 Public Entity Crimes Act. In accordance with the Public Crimes Act, Section 287.133, Florida Statutes (2025), as may be amended or revised, 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 an Agreement 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 (2025), as may be amended or revised, 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.
- 8.6 Scrutinized Companies List. 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 (11th Cir. 2013), with regard to the "Cuba Amendment," the Contractor certifies that it is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in Iran Terrorism Sectors List, created pursuant to Section 215.473, Florida Statutes (2025), as may be amended or revised, and that it does not have business operations in Cuba or Syria, as provided in Section 287.135, Florida Statutes (2025), as may be amended or revised. The Contractor certifies that it is not on the Scrutinized Companies that Boycott Israel List created pursuant to

Section 215.4725, Florida Statutes (2025), 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 Contractor is found to have submitted a false certification as 57 provided under subsection (5) of Section 287.135, Florida Statutes (2025), as may be amended or revised, or been placed on the Scrutinized Companies with Activities in Sudan List, or been placed on a list created pursuant to Section 215.473, Florida Statutes (2025), as may be amended or revised, relating to scrutinized active business operations in Iran, or been placed on the Scrutinized Companies that Boycott Israel List created pursuant to Section 215.4725, Florida Statutes (2025), 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 (2025), as may be amended or revised.

8.7 Anti-Human Trafficking

As a condition precedent to the effectiveness of this Agreement, the CONSULTANT shall provide the City with an affidavit signed by an officer or representative of the CONSULTANT under penalty of perjury attesting that the CONSULTANT does not use coercion for labor or services as defined in Section 787.06, Florida Statutes (2025), as may be amended or revised.

8.8 Warranty of Performance. CONSULTANT represents and warrants that it possesses the knowledge, skill, experience, and financial capability required to perform and provide all required and optional Services under this Agreement, and that each person and entity that will provide Services under this Agreement is duly qualified to perform such services by all appropriate governmental authorities, where required, and is sufficiently experienced and skilled in the area(s) for which such person or entity will render Services. CONSULTANT represents and warrants that the Services under this Agreement shall be performed in a skillful and respectful manner, and that the quality of all such services shall equal or exceed prevailing industry standards for the provision of such services.

8.9 Breach of Representations. In entering into this Agreement, CONSULTANT acknowledges that CITY is materially relying on the representations and warranties of CONSULTANT stated in this Article. CITY shall be entitled to recover any damages it incurs to the extent any such representation or warranty is untrue. In addition, if any such representation or warranty is false, CITY shall have the right, at its sole discretion, to terminate this Agreement without any further liability to CONSULTANT, to deduct from the compensation due CONSULTANT under this Agreement the full amount of any value paid in violation of a representation or warranty, or to recover all sums paid to CONSULTANT under this Agreement. Furthermore, a false representation may result in debarment from CITY's competitive procurement activities.

ARTICLE 9
TERMINATION

- 9.1 Termination for Cause. This Agreement or any Task Order issued under this Agreement may be terminated for cause by the CITY if CONSULTANT has not corrected the breach within ten (10) days after receipt of written notice from the aggrieved party identifying the breach. This Agreement may also be terminated for convenience by the City Commission. Termination for convenience by the City Commission shall be effective on the termination date stated in written notice provided by CITY, which termination date shall be not less than thirty (30) days after the date of such written notice. If this Agreement or any Task Order was approved by City Commission action, termination for cause by CITY of the Agreement or Task Order, as applicable, must be by action of the City Commission or the City Manager; in all other instances termination for cause may be affected by the City Manager, the CITY representative expressly authorized under this Agreement, on behalf of CITY. This Agreement may also be terminated by the City Manager upon such notice as the City Manager deems appropriate under the circumstances if the City Manager determines that termination is necessary to protect the public health, safety, or welfare. If CITY erroneously, improperly, or unjustifiably terminates for cause, such termination shall be deemed a termination for convenience and shall be effective thirty (30) days after such notice of termination for cause is provided.
- 9.2 This Agreement or any Task Order issued under this Agreement may be terminated for cause by CITY for reasons including, but not limited to, any of the following:
- 9.2.1 CONSULTANT's failure to suitably perform the work, failure to continuously perform the Services in a manner calculated to meet or accomplish the objectives in this Agreement or Task Order, or repeated (whether negligent or intentional) submission for payment of false or incorrect bills or invoices.
- 9.2.2 If CONSULTANT is a "scrutinized company" pursuant to Section 215.473, Florida Statutes (2025), as may be amended or revised, if CONSULTANT is placed on a "discriminatory vendor list" pursuant to Section 287.134, Florida Statutes (2025), or if CONSULTANT provides a false certification submitted pursuant to Section 287.135, Florida Statutes.
- 9.3 Notice of termination shall be provided in accordance with the "Notices" section of this Agreement except that notice of termination by the City Manager to protect the public health, safety, or welfare may be oral notice that shall be promptly confirmed in writing.
- 9.4 Termination for Convenience. If this Agreement or any Task Order issued under this Agreement is terminated for convenience, CONSULTANT shall be paid for any Services properly performed under this Agreement or operative Task Order through the termination date specified in the written notice of termination, subject

to any right of County to retain any sums otherwise due and payable. CONSULTANT acknowledges and agrees that it has received good, valuable, and sufficient consideration from CITY, the receipt and adequacy of which are acknowledged by CONSULTANT, for CITY's right to terminate this Agreement for convenience.

9.5 In addition to any right of termination stated in this Agreement, CITY shall be entitled to seek any and all available remedies, whether stated in this Agreement or otherwise available at law or in equity.

9.6 Termination by Consultant. CONSULTANT shall have the right to terminate this Agreement upon substantial breach by the CITY of its obligation under this Agreement as to unreasonable delay in payment or non-payment of undisputed items. CONSULTANT shall have no right to terminate this Agreement for convenience of CONSULTANT.

ARTICLE 10 INSURANCE

10.1 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, CONSULTANT shall, at its sole expense, 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 CONSULTANT. CONSULTANT shall provide the CITY a certificate of insurance evidencing such coverage. CONSULTANT's insurance coverage shall be primary insurance for all applicable policies, in respect to the CITY's interests. The limits of coverage under each policy maintained by Consultant shall not be interpreted as limiting 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 CONSULTANT for assessing the extent or determining appropriate types and limits of coverage to protect 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 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 municipality, its officials, employees, and volunteers are to be included 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 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 \$2,000,000 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

Proof of coverage must be provided 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 CONSULTANT does not own vehicles, 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 (2025). 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 Statute.

CONSULTANT waives, and CONSULTANT shall ensure that 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.

CONSULTANT must be in compliance with all applicable State and federal workers' compensation laws.

Insurance Certificate Requirements

- a. 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. 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 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 CONSULTANT following expiration or early termination of the Agreement goes beyond the expiration date of the insurance policy, 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 included as an Additional Insured on all liability policies, with the exception of Workers' Compensation and Professional Liability.
- g. The CITY shall be granted a Waiver of Subrogation on CONSULTANT's Workers' Compensation insurance policy.
- h. The title of the Agreement, Bid/Contract number, or other identifying reference must be listed on the Certificate of Insurance.

The Certificate Holder should read as follows:

City of Fort Lauderdale
401 SE 21st Street
Fort Lauderdale, FL 33316

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 application 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 CONSULTANT's expense.

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

CONSULTANT's insurance coverage shall be primary insurance in respect to the CITY's interests, a Florida municipality, its officials, employees, and volunteers. Any insurance or self-insurance maintained by the CITY shall be non-contributory.

Any exclusion or provision in any insurance policy maintained by 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 Agreement work has been accepted by the CITY, or until this Agreement is terminated, whichever is later. Any lapse in coverage may be considered breach of contract. In addition, CONSULTANT must provide to the CITY confirmation of coverage renewal via an updated certificate of insurance 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.

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

It is CONSULTANT's responsibility to ensure that any and all of CONSULTANT's independent contractors and subcontractors comply with these insurance requirements. All coverages for independent contractors and subcontractors shall be subject to all of the applicable requirements stated herein. Any and all deficiencies are the responsibility of CONSULTANT. The CITY reserves the right to adjust insurance limits from time to time at its discretion with notice to 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.

ARTICLE 11

MINORITY AND DISADVANTAGED PARTICIPATION; NON-DISCRIMINATION, EQUAL EMPLOYMENT OPPORTUNITY, AND AMERICANS WITH DISABILITIES ACT

- 11.1 Historically, the CITY has been able to achieve participation levels of approximately twelve percent (12%) by minority and women business firms in CITY projects, and in the purchase of goods and services. CONSULTANT shall make a good faith effort to help the CITY maintain and encourage Minority Business Enterprise (MBE) and/or Women Business Enterprise (WBE) participation levels

consistent with such historical levels and market conditions. 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.

- 11.2 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 in 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 ADA 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.

ARTICLE 12 MISCELLANEOUS

- 12.1 Contract Administrator Authority. The Contract Administrator is authorized to coordinate and communicate with CONSULTANT to manage and supervise the performance of this Agreement. Unless expressly stated otherwise in this Agreement, the Contract Administrator may exercise any ministerial authority under this Agreement in connection with the day-to-day management of this

Agreement provided that such instructions and determinations do not change the Scope of Services. The Contract Administrator may designate one or more CITY employees with authority pertaining to day-to-day project management or activities for each Work Authorization. CONSULTANT shall notify Contract Administrator in writing of CONSULTANT's representative(s) to whom matters involving the Work Authorization shall be addressed.

12.2 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.

12.3 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) of the Florida Statutes (2025), as may be amended or revised. 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.

12.4 Public Records

IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES (2025), TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT CITY CLERK'S OFFICE, 1 EAST BROWARD BOULVEVARD, SUITE 444, FORT LAUDERDALE, FLORIDA 33301, PHONE: 954-828-5002, EMAIL: PRRCONTRACT@FORTLAUDERDALE.GOV.

CONSULTANT shall comply with public records laws, and 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 (2025), 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 the 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 the CONSULTANT or keep and maintain public records required by the CITY to perform the service. If the CONSULTANT transfers all public records to the CITY upon completion of this Agreement, the CONSULTANT shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the CONSULTANT keeps and maintains public records upon completion of this Agreement, the 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.

12.5 Audit Rights 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.

12.6 Subconsultants

12.6.1 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 subconsultants proceeding with any work.

12.6.2 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:

- CTS Engineering, Inc.
- McFarland-Johnson, Inc.
- Tierra South Florida, Inc.
- Infinite Source Communications Group, LLC

12.7 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 12.6.

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.

12.8 Indemnification of City

12.8.1 The CONSULTANT agrees to protect, defend, indemnify, and hold harmless the City and its officers, employees and agents from and against any and all losses, penalties, damages, settlements, claims, costs, charges for other expenses, or liabilities of every and any kind including attorney's fees, in connection with or arising directly or indirectly out of the work agreed to or performed by CONSULTANT under the terms of any agreement that may arise due to the bidding process. Without limiting the foregoing, any and all such claims, suits, or other actions relating to personal injury, death, damage to property, defects in materials or workmanship, actual or alleged violations of any applicable Statute, ordinance, administrative order, rule or regulation, or decree of any court shall be included in the indemnity hereunder.

12.8.2 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.

12.8.3 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 12.8.1 above that may be brought against CITY whether performed by CONSULTANT, or persons employed or utilized by CONSULTANT.

12.9 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.

12.10 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 or a recognized overnight or express delivery service provider 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:

To the CITY:

Brad Kaine, Director
Public Works Department
City of Fort Lauderdale
101 NE 3rd Avenue, Suite 2100
Fort Lauderdale, Florida 33301
Telephone: (954) 828-5806
Email: bkaine@fortlauderdale.gov

With a copy to:

City Manager
City of Fort Lauderdale
101 NE 3rd Avenue, Suite 2100
Fort Lauderdale, Florida 33301
Telephone: (954) 828-5364

City Attorney
City of Fort Lauderdale
1 East Broward Boulevard, Suite 1320
Fort Lauderdale, Florida 33301
Telephone: (954) 828-5037

To the CONSULTANT:

Adrian Alfonso, P.E.
Project Manager
CHA Consulting, Inc.
4700 Riverside Drive, Suite 110
Coral Springs, Florida 33067
Telephone: (786) 257-3073
Email: Adalfonso@chasolutions.com

12.11 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.

12.12 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.

12.13 Third-Party Beneficiaries

Neither CONSULTANT nor CITY intends to directly or substantially benefit a third party by this Agreement. Therefore, the Parties acknowledge 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.

12.14 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.

12.15 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.

12.16 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.

12.17 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.

12.18 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.

12.19 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.

12.20 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 1-11 of this Agreement shall prevail and be given effect.

12.21 Applicable Law and Venue and Waiver of Jury Trial

The Agreement shall be interpreted and construed in accordance with, and governed by, the laws of the state of Florida. The Parties agree that the exclusive venue for any lawsuit arising from, related to, or in connection with this Agreement shall be in the state courts of the Seventeenth Judicial Circuit in and for Broward County, Florida. If any claims arising from, related to, or in connection with this Agreement must be litigated in federal court, the Parties agree that the exclusive venue for any such lawsuit shall be in the United States District Court or United States Bankruptcy Court for the Southern District of Florida. **BY ENTERING INTO THIS AGREEMENT, THE PARTIES HEREBY EXPRESSLY WAIVE ANY AND ALL RIGHTS EITHER PARTY MIGHT HAVE TO A TRIAL BY JURY OF ANY ISSUES RELATED TO THIS AGREEMENT. IF A PARTY FAILS TO WITHDRAW A REQUEST FOR A JURY TRIAL IN A LAWSUIT 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.**

12.22 Solicitation and Exhibits

The solicitation, CONSULTANT's response to the solicitation and each Exhibit referred to in this Agreement form an essential part of this Agreement. The Exhibits, if not physically attached, should be treated as part of this Agreement, and are incorporated herein by reference.

12.23 One Original Agreement

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

12.24 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.

12.25 Permits, Licenses and Taxes

CONSULTANT shall, at its own expense, obtain all necessary permits and licenses, pay all applicable fees, and pay all applicable sales, consumer, use and other taxes required to comply with local ordinances, state and federal law. CONSULTANT is responsible for reviewing the pertinent state statutes regarding state taxes and for complying with all requirements therein. Any change in tax laws after the execution of this Agreement will be subject to further negotiation and CONSULTANT shall be responsible for complying with all state tax requirements.

12.26 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.

12.27 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.

12.28 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 one (1) year following the end of the Agreement.

12.29 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.

12.30 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.

12.31 Intellectual Property

CONSULTANT shall indemnify, hold harmless, protect and defend at CONSULTANT's sole expense, counsel being subject to the CITY's approval, the CITY, its employees, officers, elected officials, appointed officials, agents, and volunteers 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.

12.32 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.

12.33 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.

12.34 E-Verify

As a condition precedent to the effectiveness of this Agreement, pursuant to Section 448.095, Florida Statutes (2025), as may be amended or revised, the CONSULTANT and its subconsultants 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 subcontract 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 (2025), 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(5), Florida Statutes (2025), as may be amended or revised, but that the CONSULTANT otherwise complied with Section 448.095(5), Florida Statutes (2025), 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(5)(c)1. or 2., Florida Statutes (2025), 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(5)(c), Florida Statutes (2025), 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 subcontracts, if any, the requirements set forth in this Section, including this subparagraph, requiring any and all subconsultants, as defined in Section 448.095(1)(e), Florida Statutes (2025), 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)(e), Florida Statutes (2025), as may be amended or revised, with the requirements of Section 448.095, Florida Statutes (2025), as may be amended or revised.

12.5 Foreign Countries of Concern

As a condition precedent to the effectiveness of this Agreement, the CONSULTANT shall provide the CITY with an affidavit signed by an officer or representative of the CONSULTANT under penalty of perjury attesting that the CONSULTANT does not meet any of the criteria in paragraphs (2)(a)-(c) of Section 287.138, Florida Statutes (2025), as may be amended or revised.

[THIS SPACE IS LEFT INTENTIONALLY 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: *Rickelle Williams*
RICKELLE WILLIAMS
City Manager

Date: 3-23-26

ATTEST:

By: *D.R.S.*
DAVID R. SOLOMAN
City Clerk



Approved as to Legal Form and Correctness:
Shari L. McCartney, City Attorney

By: *Rhonda Montoya Hasan*
RHONDA MONTOYA HASAN
Senior Assistant City Attorney

CONSULTANT

CHA CONSULTING, INC., a New York corporation authorized to transact business in the state of Florida

WITNESSES:

Linne d. Bonnell
Signature

Linne Bonnell
Print Name

By: Gregory D. Corso
GREGORY D. CORSO
Chief Executive Officer

Janine Ferris
Signature

Janine Ferris
Print Name

ATTEST:
Thomas D. Titsworth
By: Thomas D. Titsworth
Asst. Secretary (Thomas D. Titsworth)

(CORPORATE SEAL)

STATE OF New York _____:

COUNTY OF Albany _____:

The foregoing instrument was acknowledged before me by means of physical presence or online notarization, this 5th day of February, 2026, by **Gregory D. Corso**, as **Chief Executive Officer**, for **CHA Consulting, Inc.**, a New York corporation authorized to transact business in the state of Florida.

JONATHAN H. BARD
NOTARY PUBLIC, STATE OF NEW YORK
Registration No. 02BA0000673
Qualified in Dutchess County
Commission Expires February 3, 2027

Jonathan H. Bard
(Signature of Notary Public - State of Florida)
New York

Jonathan H. Bard
(Print, Type, or Stamp Commissioned Name of Notary Public)

Personally Known x OR Produced Identification _____
Type of Identification Produced: N/A (Personally Known)

EXHIBIT A
SCOPE OF SERVICES

Purpose

The City is seeking qualified, experienced, and licensed firm(s) to provide Professional Engineering Consulting Services related to a continuing contract for Bridge Design and Miscellaneous Structural Engineering Services for the City's Public Works Department in accordance with the terms, conditions, and specifications contained in this Request for Qualifications (RFQ).

The Bridge Design Services covered under this Agreement includes but is not limited to:

1. Replacement of SE 13th Street Bridge - ID:865765
2. Replacement of NE 1st Street Bridge- ID:865727
3. Replacement of the Bayview Longboat Inlet Bridge - ID:865708

The following is a list of Miscellaneous Structural Engineering 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.

The Work to be accomplished under this Agreement includes, but is not limited to, site survey, geotechnical investigation, preliminary design sketches, public involvement, detailed structural analysis, development of construction drawings, technical specifications for materials and construction methods, preparing construction cost estimates, permitting, utility coordination and utility relocation design, drainage design, preparing bidding documents post design services, preparing final load rating analysis as per FDOT standards and Construction Engineering Inspection (CEI) services. A consulting firm, or its affiliate, serving as the Engineer of Record (EOR) on a project shall not be considered eligible to compete as the prime consultant for Construction Engineering and Inspection (CEI) services on the same project. The consulting firm selected to conduct feasibility studies for the potential implementation of a subsequent project, participate in the drafting of a solicitation, or develop a program for future implementation, shall not be eligible for the award of any other contracts related to that specific subject matter.

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 experienced, qualified, and able to perform:

Scope of Services

The selected Consultant shall provide Bridge Design and Miscellaneous Structural Engineering Services for City of Fort Lauderdale owned seawalls, bulkheads, bridges,

water/wastewater structures, and other miscellaneous structures. The Projects include, but are not limited to, structural inspection, condition assessment, evaluation of structural integrity, developing master plans, designing new structures with complete replacement phasing stages, and designing the rehabilitation and strengthening existing structures using conventional and advanced materials, such as composites and fiber reinforced polymers, analysis, evaluation, load rating, preparation of construction documents and support for all structures, permitting, bidding, bid evaluation, cost estimation and construction administration (CEI) related to contracts for Structural Engineering Services where the consultant is not the Engineer of Record. Additional services, including grant application and staff augmentation will also be required. Previous experience in developing innovative and sustainable design preferred.

- The Consultant shall provide Bridge Design and Miscellaneous Structural Engineering Services to the City using the assistance of subconsultants if needed.
- The Consultant shall carry out the responsibilities delineated in each project's scope of services and shall provide such services, as needed, to successfully complete the project within the time and budget constraints set forth and agreed upon in the various task orders.
- The Consultant may propose utilizing sub-consultants for technical assistance necessary to develop work if needed.

The summary of services required from the Consultant are presented below:

1. Nondestructive testing, underwater inspection, nonlinear finite element analysis, and integrity assessment of structural elements.
2. Assessment of structures and preparation of master plans with short-term and long-term repair and replacement recommendations. The master plans shall include planning level design documents including sketches, preliminary descriptions of work to be performed, and cost estimates.
3. Review and utilize the findings of the surveys, geotechnical investigations, inspections, and material sampling and testing programs to perform an overall condition assessment and rating of the various structural components.
4. Analysis, design, evaluation, inspection of concrete, steel, metal, timber, and masonry structures and development of construction documents for all types of structures such as buildings, bridges, seawalls, and water and wastewater plant structures in accordance with relevant Building Codes and applicable standards.
5. Design of repair/strengthening techniques and development of construction documents for all types of structures such as buildings, bridges, seawalls, and water and wastewater plant structures.
6. Perform structural feasibility studies.

7. Recommend routine maintenance, operational practices, and repairs and/or enhancements that would appreciably extend the remaining structure's service life.
8. Design of foundation systems for various structures including concrete spread footings, toe wall footings, mat foundation, auger cast piles, steel piles, and precast concrete piles.
9. Conduct field inspections of all structural elements and prepare designs and specifications for appropriate repairs and replacements.
10. Perform evaluation, analysis and recommendations for soil strengthening and remediation.
11. Provide cost estimates for proposed design and improvements at various stages (30% complete, 60% complete, 90% complete, and 100% complete) of a project.
12. Construction management and assisting City staff with bidding and bid evaluation.
13. Consultant Services for Public Outreach and public meetings services.
14. Utility Coordination and Subsurface utility engineering (SUE) to identify a potential utility conflict.
15. Preparation of a Project Manual containing pertinent documents (i.e., Plans, Permits, Calculations, Reports) as well as backup information (such as correspondence, Meeting minutes, etc.) and supporting design decisions.

All Work will normally be performed by the Consultant at an off-site location. The Consultant will be required to provide their own equipment.

Schedule

The Consultant will submit a preliminary project schedule for each Project. The schedule shall be prepared in Microsoft Project and will utilize an estimated Notice-to-Proceed (NTP). The Project schedule will cover the full duration of the Scope of Services for each Project.

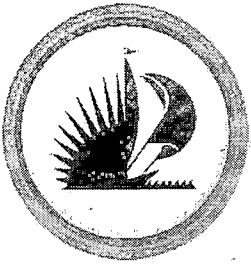
Quality Control

The Consultant is responsible for the quality control (QC) of their work and of its subconsultants. The Consultant will be responsible for the professional quality, technical accuracy, and coordination of all pre-design services, designs, drawings, specifications, and other services. It is the Consultant's responsibility to independently and continually QC their plans, specifications, reports, electronic files, progress payment applications, schedules, and all deliverables required.

EXHIBIT "B"

HOURLY BILLING RATES

SEE BELOW



Event # 423-2

Name: Bridge Design & Miscellaneous Structural Engineering Svcs

Description: The City of Fort Lauderdale, FL (City) is seeking qualified, experienced, and licensed firm(s) to provide Bridge Design and Miscellaneous Structural Engineering Services for the City's Public Works Department in accordance with the terms, conditions, and specifications contained in this Request for Qualifications (RFQ).

This project is located at various sites within the City of Fort Lauderdale. The scope of work under this contract includes, but is not limited to, Bridge Design, conducting site surveys, performing geotechnical investigations, developing preliminary design sketches, facilitating public involvement, conducting detailed structural analysis, preparing construction drawings, and creating technical specifications for materials and construction methods.

Buyer: PASCUAL, YESENIA

Status: Pending Award

Event Type: RFQ

Currency: USD

Sealed Bid: Yes

Respond To All Lines: No

Q & A Allowed: Yes

Number Of Amendments: 2

Display Bid Tabulation: Do Not Display

Event Dates

Preview:

Q & A Open: 02/18/2025 04:01:00 PM

Open: 02/18/2025 04:00:00 PM

Q & A Close: 03/20/2025 05:00:00 PM

Close: 03/27/2025 02:00:00 PM

Dispute Close:

Questions

Question	Response Type	Attachment
Have you completed and attached required forms?	Yes No	Event 423- Required Forms.pdf
The attached Anti-Human Trafficking Affidavit will be requested by the city from the awarded Bidder. This is an exhibit only and not needed as part of your initial bid response.	Yes No	ANTI-H~1.PDF

Attachments

Event # 423-2: Bridge Design & Miscellaneous Structural Engineering Svcs

Name	Description	Attachment
Event 423-Bridge Design & Misc. Solicitation	Event 423- Bridge Design & Misc. Solicitation	Event 423-Bridge Design & Misc. Solicitation.pdf
Event 423- Sample Agreement	Event 423- Sample Agreement	Event 423-Sample Agreement.pdf
Addendum #1	Addendum #1	Addendum #1.pdf
Addendum #2	Addendum #2	Addendum #2.pdf

Contacts

Name	Email Address
YESENIA PASCUAL	ypascual@fortlauderdale.gov

Commodity Codes

Commodity Code	Description
570	METALS: BARS, PLATES, RODS, SHEETS, STRIPS, STRUCTURAL SHAPE
750-62	Permanent Metal Deck Forms (PMDf) for Bridge Deck
906-38	General Construction - Architectural
913-13	Construction, Bridge and Drawbridge (Includes Reconstruction
913-66	Maintenance and Repair, Bridges
914-79	Structural and Reinforcement Steel
925-13	Bridge Engineering
925-56	Inspecting, Structural/Engineering
925-88	Structural Engineering

Line Details

Line 1: BRIDGE #865708

Event # 423-2: Bridge Design & Miscellaneous Structural Engineering Svcs

Description: BAYVIEW DRIVE BRIDGE- Bayview Dr. North of NE 55th PL, Fort Lauderdale, FL

Item: BRIDGE #865708 331.P12790

Commodity Code: 906-38 General Construction - Architectural

Manufacturer Code: MFC

Division: DIV

Quantity: 1.0000

Unit of Measure: EA

Require Response: No

Price Breaks Allowed: No

Allow Alternate Responses: No

Add On Charges Allowed: No

Line 2: Bridge #865765

Description: SE 13th Street Bridge- SE 13th Street and 100 feet east of Cordova Road, Fort Lauderdale, FL

Item: BRIDGE #865765 331.P12791

Commodity Code: 906-38 General Construction - Architectural

Manufacturer Code: MFC

Division: DIV

Quantity: 1.0000

Unit of Measure: EA

Require Response: No

Price Breaks Allowed: No

Allow Alternate Responses: No

Add On Charges Allowed: No

Line 3: Bridge #865727

Description: NE 1st Bridge - NE 1st Street and 200 feet east of Victoria Park Road, Fort Lauderdale, FL

Item: BRIDGE #865727 331.P12597

Commodity Code: 906-38 General Construction - Architectural

Manufacturer Code: MFC

Division: DIV

Event # 423-2: Bridge Design & Miscellaneous Structural Engineering Svcs

Quantity: 1.0000

**Unit of EA
Measure:**

**Require No
Response:**

**Price Breaks No
Allowed:**

**Allow Alternate No
Responses:**

**Add On No
Charges
Allowed:**

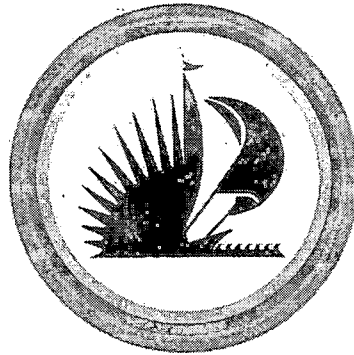
Request for Qualifications

RFQ/EVENT# 423

**Bridge Design and Miscellaneous Structural Engineering Services,
Continuing Services Contract**

Pursuant to Section 287.055
Consultants' Competitive Negotiation Act (CCNA)

City of Fort Lauderdale



Yesenia Pascual
PROCUREMENT SPECIALIST
Telephone: (954) 828-5257 E-mail: Ypascual@fortlauderdale.gov

SECTION I – INTRODUCTION AND INFORMATION

1.1 Purpose

The City of Fort Lauderdale, FL (City) is actively seeking qualified, experienced, and licensed firm(s) to provide Bridge Design and Miscellaneous Structural Engineering Services for the City's Public Works Department in accordance with the terms, conditions, and specifications contained in this Request for Qualifications (RFQ), as further described in Section III – Scope of Services. Those firms which are interested in submitting proposals in response to this Request for Qualifications (RFQ) shall comply with Section IV– Submittal Requirements.

1.2 Online Strategic Sourcing Platform

The City uses an on-line strategic sourcing platform to administer the competitive solicitation process, including but not limited to soliciting proposals, issuing addenda, posting results and issuing notification of an intended decision. There is no charge to register and download the RFQ from the on-line strategic sourcing platform. Proposers are strongly encouraged to read the various supplier tutorials available in the City's on-line strategic sourcing platform well in advance of their intention to submit a response to ensure familiarity with the use of the City's on-line strategic sourcing platform. The City shall not be responsible for a proposer's inability to submit a response by the end date and time for any reason, including issues arising from the use of the City's on-line strategic sourcing platform. There is no charge to proposers to register and participate in the solicitation process, nor will any fees be charged to the awarded proposer.

It is the sole responsibility of the proposer to ensure that its proposal is submitted electronically through the City's on-line strategic sourcing platform no later than the time and date specified in this solicitation. **PAPER PROPOSAL SUBMITTALS WILL NOT BE ACCEPTED. PROPOSALS MUST BE SUBMITTED ELECTRONICALLY VIA** the City's on-line strategic sourcing platform.

1.3 Electronic Proposal Openings

This solicitation will be opened electronically via the City's on-line strategic sourcing platform at the date and time indicated in the solicitation. Once the Procurement Specialist opens the solicitation, the bid tabulations (where applicable) may be viewed immediately on a computer, laptop, cell phone, or any other device with WiFi access.

Anyone requesting assistance or having further inquiry in this matter must contact the Procurement Specialist indicated on the solicitation, via the Question and Answer (Q&A) forum on the City's online strategic sourcing platform before the Last Day for Questions indicated in the Solicitation.

1.4 Pre-Proposal Meeting

There will not be a pre-proposal meeting for this RFQ.

1.5 Point of Contact

City of Fort Lauderdale, Procurement Services Division
Attn: Yesenia Pascual –Sr. Procurement Specialist
101 NE 3rd Ave., Suite 1650
Fort Lauderdale, FL 33301
Telephone: (954) 828-5257
E-mail: ypascual@fortlauderdale.gov

For all inquiries concerning this RFQ, questions, and requests for additional information, please utilize the Q&A forum provided by the City's on-line strategic sourcing platform. Questions of a material nature must be received prior to the cut-off date specified in the RFQ. Material changes, if

any, to the scope of services or proposal procedures will only be transmitted by written addendum. **Consultants please note:** Proposals shall be submitted as stated in PART IV – Submittal Requirements. No part of your proposal can be submitted via FAX. Submission of a proposal will be considered evidence that the Consultant has familiarized itself with the nature and extent of the work, and the equipment, materials, and labor required. The entire proposal must be submitted in accordance with all requirements contained in this Solicitation. The questions and answers submitted on the City's on-line strategic sourcing platform shall become part of any contract that is created from this RFQ.

1.6 Debarred or Suspended Bidders or Proposers

The proposer certifies, by submission of a response to this solicitation, that neither it nor its principals and sub-consultants are presently debarred or suspended by any Federal department or agency.

1.7 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 (11th Cir. 2013), with regard to the "Cuba Amendment," the Contractor certifies that it is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in Iran Terrorism Sectors List, created pursuant to Section 215.473, Florida Statutes (2024), as may be amended or revised, and that it does not have business operations in Cuba or Syria, as provided in Section 287.135, Florida Statutes (2024), as may be amended or revised. The Contractor certifies that it is not on the Scrutinized Companies that Boycott Israel List created pursuant to Section 215.4725, Florida Statutes (2024), 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 Contractor is found to have submitted a false certification as provided under subsection (5) of Section 287.135, Florida Statutes (2024), as may be amended or revised, or been placed on the Scrutinized Companies with Activities in Sudan List, or been placed on a list created pursuant to Section 215.473, Florida Statutes (2024), as may be amended or revised, relating to scrutinized active business operations in Iran, or been placed on the Scrutinized Companies that Boycott Israel List created pursuant to Section 215.4725, Florida Statutes (2024), 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 (2024), as may be amended or revised.

By submitting a proposal, or response, the company, 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.

END OF SECTION

SECTION II – GENERAL TERMS AND CONDITIONS

2.1 Addenda, Changes, and Interpretations

It is the sole responsibility of each firm to notify the point of contact utilizing the Q&A forum provided by the City's on-line strategic sourcing platform and request modification or clarification of any ambiguity, conflict, discrepancy, omission, or other error discovered in this competitive solicitation. Requests for clarification, modification, interpretation, or changes must be received prior to the Q&A deadline. Requests received after this date may not be addressed. Questions and requests for information that would not materially affect the scope of services to be performed or the solicitation process will be answered within the Q&A forum provided by the City's online strategic sourcing platform and shall be for clarification purposes only. Material changes, if any, to the scope of services or the solicitation process will only be transmitted by official written addendum issued by the City and uploaded to the City's online strategic sourcing platform as a separate addendum to the RFQ. Under no circumstances shall an oral explanation given by any City official, officer, staff, or agent be binding upon the City and should be disregarded. All addenda are a part of the competitive solicitation documents, and each firm will be bound by such addenda. It is the responsibility of each to read and comprehend all addenda issued.

2.2 Changes and Alterations

Consultant may change or withdraw a proposal at any time prior to the proposal submission deadline; however, no oral modifications will be allowed. Modifications shall not be allowed following the proposal deadline.

2.3 Consultants' Costs

The City shall not be liable for any costs incurred by consultants in responding to this RFQ, including costs incurred in connection with evaluation and award proceedings.

2.4 Mistakes

The consultant shall examine this RFQ carefully. The submission of a proposal shall be prima facie evidence that the consultant has full knowledge of the scope, nature, and quality of the work to be performed; the detailed requirements of the specifications; and the conditions under which the work is to be performed. Ignorance of the requirements will not relieve the consultant from liability and obligations under the Agreement.

2.5 Acceptance of Responses/Minor Irregularities

2.5.1 The City reserves the right to accept or reject any or all responses, part of responses, and to waive minor irregularities or variances to specifications contained in responses which do not make the response conditional in nature, and minor irregularities in the solicitation process. A minor irregularity shall be a variation from the solicitation that does not affect the price of the contract or does not give a respondent an advantage or benefit not enjoyed by other respondents, does not adversely impact the interests of other firms or does not affect the fundamental fairness of the solicitation process. The City also reserves the right to reissue a Request for Qualifications.

2.5.2 The City reserves the right to disqualify Consultant during any phase of the competitive solicitation process and terminate for cause any resulting contract upon evidence of collusion with intent to defraud or other illegal practices on the part of the Consultant.

2.6 Responsiveness

In order to be considered responsive to the solicitation, the firm's response shall fully conform in all material respects to the solicitation and all of its requirements, including all form and substance.

2.7 Responsibility

In order to be considered as a responsible firm, firm shall be fully capable to meet all of the requirements of the solicitation and subsequent contract, must possess the full capability, including financial and technical, to perform as contractually required, and must be able to fully document the ability to provide good faith performance.

2.8 Minimum Qualifications

Firms shall be in the business of providing Bridge Design and Miscellaneous Structural Engineering Services in Florida for at least five (5) years, and must possess sufficient financial support, equipment and organization to ensure that it can satisfactorily perform the services if awarded a contract. Firms must demonstrate that they, or the principals assigned to the project, have successfully provided services with similar magnitude to those specified in the scope of services to at least one city similar in size and complexity to the City of Fort Lauderdale or can demonstrate they have the experience with large scale private sector clients and the managerial and financial ability to successfully perform the work.

Firms shall satisfy each of the following requirements cited below. Failure to do so may result in the proposal being deemed non-responsive.

2.8.1 Proposer or principals shall have relevant experience in constructing additions/modifications to existing public buildings. Project manager assigned to the work must have at least **five (5)** years' experience in Bridge Design and Miscellaneous Structural Engineering Services and has served as project manager on similar projects.

2.8.2 Before awarding a contract, the City reserves the right to require that a firm submit such evidence of its qualifications as the City may deem necessary. Further, the City may consider any evidence of the financial, technical, and other qualifications and abilities of a firm or principals, including previous experiences of same with the City and performance evaluation for services, in making the award in the best interest of the City.

2.8.3 Firm or principals shall have no record of judgments, pending lawsuits against the City or criminal activities involving moral turpitude and not have any conflicts of interest that have not been waived by the City Commission.

2.8.4 Neither Firm nor any principal, officer, or stockholder shall be in arrears or in default of any debt or contract involving the City, (as a party to a contract, or otherwise); nor have failed to perform faithfully on any previous contract with the City.

2.8.5 Consultant(s) must be appropriately licensed and registered in the State of Florida in the required field of service.

2.9 Lobbying Activities

ALL CONSULTANTS PLEASE NOTE: Any consultant submitting a response to this solicitation must comply, if applicable, with Chapter 2, Article VIII, Lobbying Activities, of the Code of Ordinances of the City of Fort Lauderdale, Florida, which can be viewed at [https://library.municode.com/fl/fort lauderdale/codes/code of ordinances?nodeId=COOR CH2A](https://library.municode.com/fl/fort%20lauderdale/codes/code%20of%20ordinances?nodeId=COOR_CH2A)

D ARTVIIILOAC S2-260INPU, and City of Fort Lauderdale Resolution No. 07-101, which can be viewed at <https://www.fortlauderdale.gov/home/showpublisheddocument/6038/635514782857730000>. Copies may be also be obtained from the City Clerk's Office, 1 East Broward Boulevard, Suite 444, Fort Lauderdale, Florida 33301.

2.10 Protest Procedure

2.10.1 Any proposer who is not recommended for award of a contract and who alleges a failure by the City to follow the City's Procurement Ordinance or any applicable law, may follow the protest procedure as found in the City's Procurement Ordinance within five (5) days after a notice of intent to award is posted on the City's web site at the following link: <https://www.fortlauderdale.gov/government/departments-a-h/finance/procurement-services/notices-of-intent-to-award>.

2.10.2 The complete Protest 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?nodemd=C00R_CH2AD_ARTVFI_DIV2PR_S2-182DIREPRAWINAW

2.11. Public Entity Crimes

In accordance with the Public Crimes Act, Section 287.133, Florida Statutes (2024), as may be amended or revised, 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 (2024), as may be amended or revised, 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.

2.12 Sub-Consultants

2.12.1 A Sub-Consultant is an individual or firm contracted by the Consultant or Consultant's firm to assist in the performance of services required under this RFQ. A sub-consultant shall be paid through Consultant or Consultant's firm and not paid directly by the City. Sub-Consultants are permitted by the City in the performance of the services pursuant to the Agreement. Consultant must clearly reflect in its proposal, the major sub-consultant(s) to be utilized in the performance of required services. The City retains the right to accept or reject any sub-consultant proposed in the response of Successful Consultant(s) or prior to contract execution. Any and all liabilities regarding the use of a sub-consultant shall be borne solely by the successful consultant and insurance for each sub-consultant must be maintained in good standing and approved by the City throughout the duration of the Contract. Neither Successful Consultant nor any of its sub-consultants is considered to be employees or agents of the City. Failure to list all sub-consultants and provide the required information may disqualify any proposed sub-consultant from performing work under this RFQ.

2.12.2 Consultants shall include in their responses, the requested sub-consultant information and include all relevant information required of the Consultant. In addition, within five (5) working days after the identification of the award to the successful Consultant(s), the Consultant

shall provide a list confirming the sub-consultant(s) that the successful Consultant intends to utilize in the Contract, if applicable. The list shall include, at a minimum, the name, and location of the place of business for each sub-consultant, the services sub-consultant will provide relative to any contract that may result from this RFQ, sub-consultants' hourly rates or fees, any applicable licenses, insurance, references, ownership, and other information required of Consultant.

2.13 Local Business Preference – N/A

2.14 Disadvantaged Business Enterprise Preference – N/A

2.15 Insurance Requirements –

A 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, Contractor shall, at its sole expense, 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 Contractor. Contractor shall provide the City a certificate of insurance evidencing such coverage. Contractor's insurance coverage shall be primary insurance for all applicable policies, in respect to the City's interests for this Agreement. The limits of coverage under each policy maintained by Contractor shall not be interpreted as limiting Contractor'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 Contractor for assessing the extent or determining appropriate types and limits of coverage to protect Contractor 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 Contractor under this Agreement.

The following insurance policies and coverages are required:

Professional Liability

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

Contractor 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.

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 municipality, its officials, employees, and volunteers are to be included 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 Contractor. The coverage shall contain no special limitation on the scope of protection afforded to the City, its officials, employees, and volunteers.

Watercraft Liability (Protection and Indemnification)

Coverage must be afforded in an amount not less than \$1,000,000 per occurrence and must cover the utilization of watercraft, including Bodily Injury and Property Damage arising out of ownership, maintenance, or use of any watercraft, including owned, non-owned, and hired.

Coverage may be provided in the form of an endorsement to the Commercial General Liability policy, or in the form of a separate policy covering Watercraft Liability or Protection and Indemnity for Bodily Injury and Property Damage.

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 Contractor does not own vehicles, Contractor 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. 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 Statute.

Contractor waives, and Contractor shall ensure that Contractor'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.

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

Insurance Certificate Requirements

- a. Contractor 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. Contractor 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 Contractor 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 Contractor following expiration or early termination of the Agreement goes beyond the expiration date of the insurance policy, Contractor 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 included as an Additional Insured on all liability policies, with the exception of Workers' Compensation and Professional Liability.
- g. The City shall be granted a Waiver of Subrogation on Contractor's Workers' Compensation insurance policy.
- h. The title of the Agreement, Bid/Contract number, or other identifying reference must be listed on the Certificate of Insurance.

The Certificate Holder should read as follows:

City of Fort Lauderdale
401 SE 21st Street
Fort Lauderdale, FL 33316

Contractor 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 application of such deductible, co-insurance penalty, self-insured retention, or coverage exclusion or limitation. Any costs for including the City as an Additional Insured shall be at Contractor's expense.

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

Contractor's insurance coverage shall be primary insurance in respect to the City's interests for this Agreement, its officials, employees, and volunteers. Any insurance or self-insurance maintained by the City shall be non-contributory.

Any exclusion or provision in any insurance policy maintained by Contractor 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 Agreement work has been accepted by the City, or until this Agreement is terminated, whichever is later. Any lapse in coverage may be considered breach of contract. In addition, Contractor must provide to the City confirmation of coverage renewal via an updated certificate of insurance 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 Contractor's insurance policies.

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

It is Contractor's responsibility to ensure that any and all of Contractor's independent contractors and subcontractors comply with these insurance requirements. All coverages for independent contractors and subcontractors shall be subject to all of the applicable requirements stated herein. Any and all deficiencies are the responsibility of Contractor. The City reserves the right to adjust insurance limits from time to time at its discretion with notice to Contractor.

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

A Sample Insurance Certificate shall be included with the proposal to demonstrate the firm's ability to comply with insurance requirements. Provide a previous certificate or other evidence listing the insurance companies' names for all required coverage, and the dollar amounts of the coverage.

2.16 Insurance – Sub-consultants

Consultant shall require all of its sub-consultants to provide the aforementioned coverage as well as any other coverage that the consultant may consider necessary, and any deficiency in the coverage or policy limits of said sub-consultants will be the sole responsibility of the consultant.

2.17 Award of Contract

A Contract (the "Agreement") will be awarded in accordance with Florida Statutes, by the City Commission. The City reserves the right to execute or not execute, as applicable, a contract with the Consultant(s) that is determined to be in the City's best interests. The draft/sample agreement is provided herein as an attachment to this RFQ. The City reserves the right to award a contract to more than one consultant as is in the City's best interest.

2.18 Modification of Services

2.18.1 While this contract is for services provided to the Department referenced in this RFQ, the City may require similar work for other City departments. Successful Proposer agrees to take on such work unless such work would not be considered reasonable or become an undue burden to the Successful Proposer.

2.18.2 The City reserves the right to delete any portion of the work at any time without cause, and if such right is exercised by the City, the total fee shall be reduced in the same ratio as the estimated cost of the work deleted bears to the estimated cost of the work originally planned. If work has already been accomplished and approved by the City on any portion of a contract resulting from this RFQ, the Successful Proposer shall be paid for the work completed on the basis of the estimated percentage of completion of such portion to the total project cost.

2.18.3 The City may require additional items or services of a similar nature, but not specifically listed in the contract. The Successful Proposer agrees to provide such items or services and shall provide the City prices on such additional items or services. If the price(s) offered are not acceptable to the City, and the situation cannot be resolved to the satisfaction of the City, the City reserves the right to procure those items or services from other vendors, or to cancel the contract upon giving the Successful Proposer thirty (30) days written notice.

2.18.4 If the Successful Proposer and the City agree on modifications or revisions to the task elements, after the City has approved work to begin on a particular task or project, and a budget has been established for that task or project, the Successful Proposer will submit a revised budget to the City for approval prior to proceeding with the work.

2.19 No Exclusive Contract

Proposer agrees and understands that the contract shall not be construed as an exclusive arrangement and further agrees that the City may, at any time, secure similar or identical services from another vendor at the City's sole option.

2.20 Unauthorized Work

The Successful Consultant(s) shall not begin work until a contract has been awarded by the City Commission and a notice to proceed has been issued. Consultant(s) agree and understand that the issuance of a Purchase Order and/or Task Order shall be issued and provided to the Consultant(s) following Commission award.

2.21 Contract Agreement

Any subsequent contract will be subject to the Agreement included as an attachment and made a part of this RFQ.

2.22 Contract Term

The initial contract term shall commence upon date of award by the City and shall expire three (3) years from that date or the day after the current contract expires, whichever is later. The City reserves the right to extend the contract for two (2) consecutively one (1) year renewal terms providing all terms, conditions and specifications remain the same, both parties agree to the extension, and such extension is approved by the City.

In the event services are scheduled to end because of the expiration of this contract, the Consultant shall continue the service upon the request of the City as authorized by the awarding authority. The extension period shall not extend for more than **two hundred and seventy (270) days** beyond the expiration date of the existing contract. The Consultant shall be compensated for the service at the rate in effect when this extension clause is invoked by the City.

2.23 Payment Method

The City shall make payment to the Consultant through utilization of the City's P-Card Program. The City has implemented a Purchasing Card (P-Card) Program utilizing the MasterCard and Visa networks. Purchases from this contract will be made utilizing the City's Purchasing Card. Consultant will receive payment from the Purchasing Card in the same manner as other credit card purchases.

Accordingly, Consultant must presently have the ability to accept these credit cards or take whatever steps necessary to implement the ability before the start of the contract term, or contract award by the City. All costs associated with the Consultant's participation in this purchasing program shall be borne by the Consultant. The City reserves the right to revise this program as necessary.

2.24 Payment Card Industry (PCI) Compliance

Consultant agrees to comply with all applicable state, federal and international laws, as well as industry best practices, governing the collection, access, use, disclosure, safeguarding and destruction of Protected Information.

Consultant and/or any subconsultant that handles credit card data must be, and remain, PCI compliant under the current standards and will provide documentation confirming compliance upon request by the City of Fort Lauderdale, failure to produce documentation could result in termination of the contract.

2.25 Invoices/Payment

Each invoice shall fully detail the related costs and shall specify the status of the particular task or project as of the date of the invoice with regard to the accepted schedule for that task or project. Payment will be made within forty-five (45) days after receipt of an invoice acceptable to the City, in accordance with the Florida Local Government Prompt Payment Act. If, at any time during the contract, the City shall not approve or accept the Consultant's work product, and agreement cannot be reached between the City and the Consultant to resolve the problem to the City's satisfaction, the City shall negotiate with the Consultant on a payment for the work completed and usable to the City.

2.26 Prohibition Against Contingent Fees

The architect (or registered surveyor and mapper or professional engineer, as applicable) warrants that he or she has not and will not employ or retain any company or person, other than a bona fide employee working solely for the architect (or registered surveyor and mapper, or professional engineer, as applicable) to solicit or secure an agreement pursuant to this competitive solicitation and that he or she has not and will not pay or agree to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for the architect (or registered surveyor and mapper or professional engineer, as applicable) any fee, commission, percentage, gift, or other consideration contingent upon or resulting from an award or making of an agreement pursuant to this competitive solicitation.

2.27 Indemnity/Hold Harmless Agreement

The Consultant shall indemnify and hold harmless the City, and 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 intentionally wrongful conduct of the Consultant and other persons employed or utilized by the design professional in the performance of the contract.

2.28 Substitution of Personnel

It is the intention of the City that the Proposer's personnel proposed for the contract will be available for the contract term. In the event the Proposer wishes to substitute personnel, he shall propose personnel of equal or higher qualifications and all replacement personnel are subject to City approval. In the event substitute personnel are not satisfactory to the City and the matter cannot be resolved to the satisfaction of the City, the City reserves the right to cancel the Contract for cause. See Section 5.09 of the General Conditions.

2.29 Ownership of Work

The City shall have full ownership and the right to copyright, otherwise limit, reproduce, modify, sell, or use all of the work or product produced under this Contract without payment of any royalties or fees to the Consultant above the agreed hourly rates and related costs.

2.30 Canadian Companies

In the event Consultant is a corporation organized under the laws of any province of Canada or is a Canadian federal corporation, the City may enforce in the United States of America or in Canada or in both countries, a judgment entered against the Consultant. The Consultant waives

any and all defenses to the City's enforcement in Canada, of a judgment entered by a court in the United States of America. All monetary amounts set forth in this Contract are in United States dollars.

2.31 Instructions

Careful attention must be given to all requested items contained in this RFQ. Proposers are invited to submit responses in accordance with the requirements of this RFQ. Please read the entire solicitation before submitting a proposal. Firms must provide a response to each requirement of the RFQ. Responses should be prepared in a concise manner with an emphasis on completeness and clarity. Firm's notes and comments may be rendered on an attachment, provided the same format of this RFQ text is followed. All responses shall be submitted electronically through the City's online strategic sourcing platform as stated in Section 4.1.

2.32 Discrepancies, Errors and Omissions

Any discrepancies, errors, or ambiguities in the RFQ or addenda should be reported in writing to the City's Procurement Services Division. Should it be necessary, a written addendum will be incorporated to the RFQ. The City will NOT be responsible for any oral instructions, clarifications, or other communications.

2.33 Non-Discrimination

The Consultant shall not discriminate against its employees based on the employee's race, color, religion, gender, gender identity, gender expression, marital status, sexual orientation, national origin, age, disability, or any other protected classification as defined by applicable law.

1. The Consultant certifies and represents that the Consultant offers the same health benefits to the domestic partners of its employees as are offered its employees' spouses or offers its employees the cash equivalent of such health benefits because it is unable to provide health benefits to its employees' domestic partners, and that the Consultant will comply with Section 2-187, Code of Ordinances of the City of Fort Lauderdale, Florida, (2024), as may be amended or revised, ("Section 2-187"), during the entire term of this Agreement.
2. The failure of the Consultant 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 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

2.34 E-Verify

As a condition precedent to the effectiveness of this Agreement, pursuant to Section 448.095, Florida Statutes (2023), as may be amended or revised, the Contractor and its subcontractors shall register with and use the E-Verify system to electronically verify the employment eligibility of newly hired employees.

1. The Contractor shall require each of its subcontractors, if any, to provide the Contractor with an affidavit stating that the subcontractor does not employ, contract with, or subcontract with an unauthorized alien. The Contractor shall maintain a copy of the subcontractor's affidavit for the duration of this Agreement and in accordance with the public records requirements of this Agreement.
2. The City, the Contractor, or any subcontractor who has a good faith belief that a person or entity with which it is contracting has knowingly violated Subsection 448.09(1), Florida Statutes (2023), as may be amended or revised, shall terminate the contract with the person or entity.
3. The City, upon good faith belief that a subcontractor knowingly violated the provisions of Subsection 448.095(5), Florida Statutes (2023), as may be amended or revised, but that the Contractor otherwise complied with Subsection 448.095(5), Florida Statutes (2023), as may be amended or revised, shall promptly notify Contractor and order the Contractor to immediately terminate the contract with the subcontractor, and the Contractor shall comply with such order.
4. A contract terminated under Subparagraph 448.095(5)(c)1. or 2., Florida Statutes (2023), as may be amended or revised, is not a breach of contract and may not be considered as such. If the City terminates this contract under Paragraph 448.095(5)(c), Florida Statutes (2023), as may be amended or revised, the Contractor may not be awarded a public contract for at least one year after the date on which the contract was terminated. The Contractor is liable for any additional costs incurred by the City as a result of termination of this Agreement.
5. Contractor shall include in each of its subcontracts, if any, the requirements set forth in this Section, including this subparagraph, requiring any and all subcontractors, as defined in Subsection 448.095(1)(e), Florida Statutes (2023), as may be amended or revised, to include all of the requirements of this Section in their subcontracts. Contractor shall be responsible for compliance by any and all subcontractors, as defined in Subsection 448.095(1)(e), Florida Statutes (2023), as may be amended or revised, with the requirements of Section 448.095, Florida Statutes (2023), as may be amended or revised.

2.35 ANTI-HUMAN TRAFFICKING, KIDNAPPING, CUSTODY AND RELATED OFFENSES

Bidder, proposer, quoter, or any other respondent to any City solicitation/notice or serving as a City consultant, contractor, vendor or otherwise entering into any contract (including, without limitation, contract renewal, extension, amendment as applicable) with the City affirms and stipulates that it is not in violation of Section 787.06(13) of the 2024 Florida Statutes entitled "Kidnapping; Custody Offenses; Human Trafficking and Related Offenses." The entity (which includes any business entity however formed/ incorporated) intending to provide goods or services by submitting a response to a city solicitation further affirms to the City as a governmental entity defined in Section 287.138(1) of the 2024 Florida Statutes that it does not use coercion for labor or services as defined in Section 787.06 of the 2024 Florida Statutes.

END OF SECTION

SECTION III - SCOPE OF SERVICES

3.1 Purpose

The City is seeking qualified, experienced, and licensed firm(s) to provide Professional Engineering Consulting Services related to a continuing contract for Bridge Design and Miscellaneous Structural Engineering Services for the City's Public Works Department in accordance with the terms, conditions, and specifications contained in this Request for Qualifications (RFQ).

The Bridge Design Services covered under this contract includes but is not limited to:

1. Replacement of SE 13th Street Bridge - ID:865765
2. Replacement of NE 1st Street Bridge- ID:865727
3. Replacement of the Bayview Longboat Inlet Bridge - ID:865708

The following is a list of Miscellaneous Structural Engineering 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.

The work to be accomplished under this contract includes, but is not limited to, site survey, geotechnical investigation, preliminary design sketches, public involvement, detailed structural analysis, development of construction drawings, technical specifications for materials and construction methods, preparing construction cost estimates, permitting, utility coordination and utility relocation design, drainage design, preparing bidding documents post design services, preparing final load rating analysis as per FDOT standards and Construction Engineering Inspection (CEI) services. A consulting firm, or its affiliate, serving as the Engineer of Record (EOR) on a project shall not be considered eligible to compete as the prime consultant for Construction Engineering and Inspection (CEI) services on the same project. The consulting firm selected to conduct feasibility studies for the potential implementation of a subsequent project, participate in the drafting of a solicitation, or develop a program for future implementation, shall not be eligible for the award of any other contracts related to that specific subject matter.

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 selected consultant shall provide Bridge Design and Miscellaneous Structural Engineering Services for City of Fort Lauderdale owned seawalls, bulkheads, bridges, water/wastewater structures, and other miscellaneous structures. The projects include, but are not limited to, structural inspection, condition assessment, evaluation of structural integrity, developing master plans, designing new structures with complete replacement phasing stages, and designing the rehabilitation and strengthening existing structures using conventional and advanced materials, such as composites and fiber reinforced polymers, analysis, evaluation, load rating, preparation of construction documents and support for all structures, permitting, bidding, bid evaluation, cost estimation and construction administration (CEI) related to contracts for Structural Engineering Services where the consultant is not the Engineer of Record. Additional services, including grant

application and staff augmentation will also be required. Previous experience in developing innovative and sustainable design preferred.

- The consultant shall provide Bridge Design and Miscellaneous Structural Engineering Services to the City using the assistance of sub-consultants if needed.
- The consultant shall carry out the responsibilities delineated in each project's scope of services and shall provide such services, as needed, to successfully complete the project within the time and budget constraints set forth and agreed upon in the various task orders.
- The consultant may propose utilizing sub-consultants for technical assistance necessary to develop work if needed.

The summary of services required from the Consultant are presented below:

1. Nondestructive testing, underwater inspection, nonlinear finite element analysis, and integrity assessment of structural elements.
2. Assessment of structures and preparation of master plans with short-term and long-term repair and replacement recommendations. The master plans shall include planning level design documents including sketches, preliminary descriptions of work to be performed, and cost estimates.
3. Review and utilize the findings of the surveys, geotechnical investigations, inspections, and material sampling and testing programs to perform an overall condition assessment and rating of the various structural components.
4. Analysis, design, evaluation, inspection of concrete, steel, metal, timber, and masonry structures and development of construction documents for all types of structures such as buildings, bridges, seawalls, and water and wastewater plant structures in accordance with relevant Building Codes and applicable standards.
5. Design of repair/strengthening techniques and development of construction documents for all types of structures such as buildings, bridges, seawalls, and water and wastewater plant structures.
6. Perform structural feasibility studies.
7. Recommend routine maintenance, operational practices, and repairs and/or enhancements that would appreciably extend the remaining structure's service life.
8. Design of foundation systems for various structures including concrete spread footings, toe wall footings, mat foundation, auger cast piles, steel piles, and precast concrete piles.
9. Conduct field inspections of all structural elements and prepare designs and specifications for appropriate repairs and replacements.
10. Perform evaluation, analysis and recommendations for soil strengthening and remediation.
11. Provide cost estimates for proposed design and improvements at various stages (30% complete, 60% complete, 90% complete, and 100% complete) of a project.

12. Construction management and assisting City staff with bidding and bid evaluation.
13. Consultant Services for Public Outreach and public meetings services
14. Utility Coordination and Subsurface utility engineering (SUE) to identify a potential utility conflict.
15. Preparation of a Project Manual containing pertinent documents (i.e., Plans, Permits, Calculations, Reports) as well as backup information (such as correspondence, Meeting minutes, etc.) and supporting design decisions.

All work will normally be performed by the consultant at an off-site location. The consultant will be required to provide their own equipment.

3.3 Schedule

The Consultant will submit a preliminary project schedule for each Project. The schedule shall be prepared in Microsoft Project and will utilize an estimated Notice-to-Proceed (NTP) The project schedule will cover the full duration of the scope of services for each project.

3.4 Quality Control

The Consultant is responsible for the quality control (QC) of their work and of its subconsultants. The Consultant will be responsible for the professional quality, technical accuracy, and coordination of all pre-design services, designs, drawings, specifications, and other services. It is the Consultant's responsibility to independently and continually QC their plans, specifications, reports, electronic files, progress payment applications, schedules, and all deliverables required.

END OF SECTION

SECTION IV – SUBMITTAL REQUIREMENTS

4.1 Instructions

4.1.1 The City uses an on-line strategic sourcing platform to administer the competitive solicitation process, including but not limited to soliciting proposals, issuing addenda, responding to questions/requests for information. There is no charge to register and download the RFQ from an on-line strategic sourcing platform. Proposers are strongly encouraged to read the various supplier tutorial available in the on-line strategic sourcing platform well in advance of their intention of submitting a proposal to ensure familiarity with the use of the system. The City shall not be responsible for a proposer's inability to submit a proposal by the end date and time for any reason, including issues arising from the use of the on-line strategic sourcing platform.

All proposals must be submitted electronically.

4.1.2 Careful attention must be given to all requested items contained in this RFQ. Consultants are invited to submit responses in accordance with the requirements of this RFQ. Please read entire solicitation before submitting a SOQ. Consultants must provide a response to each requirement of the RFQ. Responses should be prepared in a concise manner with an emphasis on completeness and clarity. Consultant's notes, exceptions, and comments may be rendered on an attachment, provided the same format of this RFQ text is followed.

4.1.3 All information submitted by proposer shall be typewritten or provided as otherwise instructed to in the RFQ. Proposers shall use and submit any applicable or required forms provided by the City and attach such to its response. Failure to use the forms may cause the response to be rejected and deemed non-responsive.

The proposer understands that the information contained in these proposal pages is to be relied upon by the City in awarding the proposed Agreement, and such information is warranted by the proposer to be true. The proposer agrees to furnish such additional information, prior to acceptance of any proposal, relating to the qualifications of the proposer, as may be required by the City.

4.1.4 Proposals shall be submitted by an authorized representative of the firm. Proposals must be submitted in the business entity's name by the President, Partner, Officer or Representative authorized to contractually bind the business entity. Proposals shall include an attachment evidencing that the individual submitting the proposal, does in fact have the required authority stated herein.

4.1.5 In the event of Contract award, all documentation produced as part of the Contract shall become the exclusive property of the City. The Proposer's response to the RFQ is a public record pursuant to Florida law, which is subject to disclosure by the City under the State of Florida Public Records Law, Florida Statutes Chapter 119.07 ("Public Records Law"). The City shall permit public access to all documents, papers, letters or other material submitted in connection with this RFQ and the Contract to be executed for this RFQ, subject to the provisions of Chapter 119.07 of the Florida Statutes.

Any language contained in the Proposer's response to the RFQ purporting to require confidentiality of any portion of the Proposer's response to the RFQ, except to the extent that certain information is in the City's opinion a Trade Secret pursuant to Florida law, shall be void. If a Proposer submits any documents or other information to the City which the

Proposer claims is Trade Secret information and exempt from Florida Statutes Chapter 119.07 ("Public Records Laws"), the Proposer shall clearly designate that it is a Trade Secret and that it is asserting that the document or information is exempt. The Proposer must specifically identify the exemption being claimed under Florida Statutes 119.07. The City shall be the final arbiter of whether any information contained in the Proposer's response to the RFQ constitutes a Trade Secret. The City's determination of whether an exemption applies shall be final, and the Proposer agrees to defend, indemnify, and hold harmless the City and the City's officers, employees, and agent, against any loss or damages incurred by any person or entity as a result of the City's treatment of records as public records. In addition, the proposer agrees to defend, indemnify, and hold harmless the City and the City's officers, employees, and agents, against any loss or damages incurred by any person or entity as a result of the City's treatment of records as exempt from disclosure or confidential. Proposals purporting to be subject to copyright protection in full or in part will be rejected. The proposer authorizes the City to publish, copy, and reproduce any and all documents submitted to the City bearing copyright symbols or otherwise purporting to be subject to copyright protection.

EXCEPT FOR CLEARLY MARKED PORTIONS THAT ARE BONA FIDE TRADE SECRETS PURSUANT TO FLORIDA LAW, DO NOT MARK YOUR RESPONSE TO THE SOLICITATION AS PROPRIETARY OR CONFIDENTIAL. DO NOT MARK YOUR RESPONSE TO THE SOLICITATION OR ANY PART THEREOF AS COPYRIGHTED.

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: PRRCONTRACT@FORTLAUDERDALE.GOV, 954-828-5002, CITY CLERK'S OFFICE, 100 NORTH ANDREWS AVENUE, FORT LAUDERDALE, FLORIDA 33301.

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 contract if the 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 the Consultant or keep and maintain public records required by the City to perform the service. If the Consultant transfers all public records to the City upon completion of this Agreement, the Consultant shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Consultant keeps and maintains public records upon completion of this Agreement, the 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.

- 4.1.6** By submitting a response, Proposer is confirming that the firm has not been placed on the convicted vendors list as described in Section §287.133 (2) (a) Florida Statutes; that the only person(s), company or parties interested in the proposal as principals are named therein; that the proposal is made without collusion with any other person(s), company or parties submitting a proposal; that it is in all respects fair and in good faith, without collusion or fraud; and that the signer of the proposal has full authority to bind the firm.

4.2 Contents of the Proposal

The City deems certain documentation and information important in the determination of responsiveness and for the purpose of evaluating responses. Responses should seek to avoid information in excess of that requested, must be concise, and must specifically address the issues of this RFQ. The City prefers responses be no more than 100 pages in one complete pdf document. The proposals should be organized, divided and indexed into the sections indicated herein. These are not inclusive of all the information that may be necessary to properly evaluate the response and meet the requirements of the scope of work and/or specifications. Additional documents and information should be provided as deemed appropriate by the respondent in response to specific requirements stated herein or through the RFQ.

Note: Do not include pricing - Compensation will be requested and considered only during the competitive negotiations process.

4.2.1 Table of Contents

The table of contents should outline in sequential order the major areas of the submittal, including enclosures. All pages should be consecutively numbered and correspond to the Table of Contents.

4.2.2 Executive Summary

Each proposer must submit an executive summary that identifies the business entity, its background, main office(s), and office location that will service this contract. Identify the officers, principals, supervisory staff and key individuals who will be directly involved with the work and their office locations. The executive summary should also summarize the key elements of the proposal.

4.2.3 Firm Qualifications and Experience

Respondents must provide documentation that demonstrates their ability to satisfy all of the minimum qualification requirements. A Standard Form 330 may be used to provide this information. Indicate the firm's number of years of experience in providing the professional services as it relates to the work contemplated. Provide details of past projects for agencies of similar size and scope, including information on your firm's ability to meet time and budget requirements. Indicate the firm's initiatives towards its own sustainable business practices that demonstrate a commitment to conservation. Indicate business structure, i.e. Corp., Partnership, LLC. Firm should be registered as a legal entity in the State of Florida; Minority or Woman owned Business (if applicable); company address, phone number, fax number, e-mail address, web site, contact person(s), etc. Relative size of the firm, including management, technical and support staff; licenses and any other pertinent information shall be submitted.

Provide a comprehensive summary of the experience and qualifications of the individual(s) who will be selected to serve as the project manager(s) for the City.

4.2.4 Qualifications of the Project Team

List the members of the project team (**may be on a Standard Form 330 if you choose**). Provide a list of the personnel to be used on each project and their qualifications. Providing this information on an organizational chart is recommended. A brief resume including education, experience, licenses and any other pertinent information shall be included for each team member, including sub-consultants to be assigned to each project. Explain how each project team member will contribute to the project, in what capacity, and the level of involvement they will have. Each resume should not exceed two (2) pages in length. Provide any other documentation that demonstrates their ability to satisfy all of the minimum qualification requirements. Submittals that do not contain such documentation may be deemed non-responsive.

4.2.5 Approach to Scope of Work

- Provide in concise narrative form, your understanding of the City's needs, goals and objectives as they relate to the project, and your overall approach to accomplishing the project.
- Give an overview on your proposed vision, ideas and methodology. Describe your proposed approach to the project. As part of the project approach, the firm shall propose a scheduling methodology (timeline) for effectively managing and executing the work in the optimum time.
- Also provide information on your firm's current workload and how this project will fit into your workload. Describe the firm's current and anticipated workload. Include a summary of current projects and anticipated completion timeframes. Describe how City tasks will be prioritized within your organization, and the availability of the project team to commit towards this project.
- Describe available facilities, technological capabilities and other available resources you offer for the project.
- Provide a proposed (realistic) schedule from Notice to proceed until the construction drawings are issued. The City expects this project to be completed expeditiously and the City reserves the right to make adjustments to this schedule as necessary.

4.2.6 References

Provide at least three references, preferably government agencies, for projects with similar scope as listed in this RFQ. Information should include:

- Client Name, address, contact person telephone and e-mail address (E-mail will be primary means of contact).
- Name of Project
- Description of work. (types of projects completed)
- Year(s) the projects were completed

Note: Do not include City of Fort Lauderdale work or staff as references to demonstrate your capabilities. The Committee is interested in work experience and references other than the City as well.

4.2.7 Minority/Women (M/WBE) Participation

If your firm is a certified minority business enterprise as defined by the Florida Small and Minority Business Assistance Act of 1985, provide copies of your certification(s). If your firm is not a certified M/WBE, describe your company's previous efforts, as well as planned efforts in meeting M/WBE procurement goals under Florida Statutes 287.09451.

4.2.8 Sub-consultants

Consultant must clearly identify any sub-consultants that may be utilized during the term of this contract.

4.2.9 Required Forms

a. Sample Insurance Certificate

Demonstrate your firm's ability to comply with insurance requirements. Provide a previous certificate or other evidence listing the Insurance Companies' names for both Professional Liability and General Liability, and the dollar amounts of the coverage.

b. Non-Collusion Statement

This form is to be completed, if applicable, and inserted in this section.

c. Non-Discrimination Certification Form

d. E-Verify Affirmation Statement

e. Contract Payment Method [if applicable]

This form must be completed and returned with your proposal. Proposers 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.

f. Bid/Proposal Certification

Complete and attach the Certification

g. Affidavit of Compliance with Foreign Entity Laws

4.3 By submitting a proposal, each firm is confirming that the firm has not been placed on the convicted vendors list as described in Section §287.133 (2) (a) Florida Statutes.

4.4 Before awarding a contract, the City reserves the right to require that a firm submit such evidence of its qualifications as the City may deem necessary. Further, the City may consider any evidence of the financial, technical, and other qualifications and abilities of a firm or principals, including previous experiences of same with the City and performance evaluation for services, in making the award in the best interest of the City.

END OF SECTION

SECTION V - EVALUATION AND AWARD

5.1 Evaluation Procedure

- 5.1.1** Evaluation of the submittals will be conducted by an Evaluation Committee, consisting of a minimum of three members of City Staff, or other persons selected by the City Manager or designee. All committee members must be present at scheduled evaluation meetings. Submittals shall be evaluated based upon the information and references contained in the proposals as submitted. Evaluation procedures shall be regulated by F.S. § 287.055, referred to as Consultant's Competitive Negotiations Act (CCNA). Any firm(s) involved in a joint venture in its proposal will be evaluated individually, as each firm of the joint venture would have to stand on its own merits.
- 5.1.2** The Committee shall short list no less than three (3) submittals, assuming that three or more submittals have been received, that it deems best satisfy the weighted criteria set forth herein and attempt to select the best qualified firm(s) for the particular discipline. The Committee shall then hold discussions, conduct interviews, and/or require oral presentations with all short-listed firms. The Committee shall then re-rank the short-listed firms based upon the information provided in interviews and/or presentations, the materials presented, the firm's responses to the RFQ, and deliberations of the Evaluation Committee at publicly advertised evaluation meetings. The City may request, and the firm shall provide, additional information deemed necessary by the Evaluation Committee to conduct evaluations.
- 5.1.3** If the City Manager or his/her designee is unable to negotiate a satisfactory contract with the first ranked firm, negotiations with that firm shall be formally terminated. Upon termination of said negotiations, negotiations shall then be undertaken with the second ranked firm, with this process being repeated until an agreement is reached which is then recommended and formally approved by the City Commission or until the short-list is exhausted in which case a new Request for Qualifications may be undertaken.

5.2 Evaluation Criteria

- 5.2.1** Per Florida Statute 287.055, in determining whether a firm is qualified, the agency shall consider such factors as the ability of professional personnel; whether a firm is a certified minority business enterprise; past performance; willingness to meet time and budget requirements; location; recent, current, and projected workloads of the firms; and the volume of work previously awarded to each firm by the agency, with the object of effecting an equitable distribution of contracts among qualified firms, provided such distribution does not violate the principle of selection of the most highly qualified firms. The agency may request, accept, and consider proposals for the compensation to be paid under the contract only during competitive negotiations.
- 5.2.2** The City uses a mathematical formula to determine the scoring for each individual responsive and responsible firm based on the weighted criteria stated herein. Each evaluation committee member will rank each firm by criteria, giving their first ranked firm as number 1, the second ranked firm a number 2, and so on. The City shall average the ranking for each criterion, for all evaluation committee members, and then multiply that average ranking by the weighted criteria identified herein. The lowest average final ranking score will determine the recommendation by the evaluation committee to the City Manager.

5.2.3 Weighted Criteria

<u>Criteria</u>	<u>Percentage</u>
Qualifications of Firm and Team Describe the qualifications and relevant experience of the proposed Project Manager, and all key staff to be assigned to this contract. Provide resumes and include qualifications and relevant experience of all proposed staff and subconsultants' key staff to be assigned to this Project. Include proposed Project Team's roles and/or position titles, staff names, certifications, and licenses, if any, area of expertise for the Project, years of experience, and lines of authority and previous experience with Bridge Design and Miscellaneous Structural Engineering Services.	25%
Experience and Past Performance with Bridge Design and Miscellaneous Structural Engineering Services Describe experience with Bridge Design and Miscellaneous Structural Engineering projects including, scope, duration, status of satisfactory completion, both on time and within budget, for the past five (5) years. Provide a minimum of three (3) Bridge Design and Miscellaneous Structural Engineering projects with references to show support of qualifications and previous experience.	35%
Approach to Scope of Work Describe the Prime's proposed understanding and approach to preparation of the design for the City's Bridges and Miscellaneous Structural Engineering Services. Identify the project scope challenges, key milestones, and any potential issues related to the scope.	30%
Workload of the Firm For the Prime Consultant only, List all completed and active projects that Consultant has managed within the past five (5) years. In addition, list all projected projects that Consultant will be working on in the near future. Projected projects will be defined as project(s) that the Consultant is awarded a contract but the Notice to Proceed has not been issued. Identify any projects that Consultant worked on concurrently. Describe Consultant's approach to managing these projects. Were there or will there be any challenges for any of these listed projects? If so, describe how vendor dealt with or will deal with projects' challenges.	10%

TOTAL

100%

5.3 Contract Award

5.3.1 The City reserves the right to award a contract to that Consultant who will best serve the interest of the City. The City reserves the right, based upon its deliberations and in its opinion, to accept or reject any or all submittals. The City also reserves the right to waive minor irregularities or variations of the submittal requirements and RFQ process.

5.3.2 Upon award of a contract by the City Commission, the City Manager is authorized to execute the Contract on behalf of the City.

5.3.3 The City Manager shall appoint a contract administrator or project manager for each contract to assure compliance with the contract and applicable law. The contract administrator or project manager shall review all pay requests or deny same as required prior to approval by the City Manager.

END OF SECTION

AGREEMENT

between

City of Fort Lauderdale

and

(company name)

for

**Bridge Design and Miscellaneous Structural Engineering
Services, Continuing Services Contract**

RFQ EVENT NO. 423

PROJECT NO. P12790/ P12597/ P12791

SAMPLE AGREEMENT

AGREEMENT

THIS IS AN AGREEMENT made and entered into this ____ day of _____, 2021, by and between:

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

and

(COMPANY NAME) a _____,
Florida company/corporation (hereinafter
referred to as "CONSULTANT")

WHEREAS, the City Commission of the City of Fort Lauderdale, Florida at its meeting of _____, 2025 authorized by motion the execution of this Agreement between CONSULTANT and CITY authorizing the performance of Bridge Design and Miscellaneous Structural Engineering Services, RFO No. 423, incorporated herein, (the "Agreement"); and

WHEREAS, the CONSULTANT is willing and able to render professional services for such project 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 _____, 2025 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 **CONSULTANT'S PERIODIC ESTIMATE FOR PAYMENT**: A statement by CONSULTANT based on observations at the site and on review of documentation submitted by the Contractor that by its issuance recommends that CITY pay identified amounts to the Contractor for services performed by the

Contractor at the Project.

- 1.4 CHANGE ORDER: A written order executed by both Parties to the CONSULTANT 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, issued on or after the effective date of this Agreement.
- 1.5 CITY: The City of Fort Lauderdale, a Florida municipality.
- 1.6 CITY MANAGER: The City Manager of the City of Fort Lauderdale, Florida.
- 1.7 COMMISSION: The City Commission of the City of Fort Lauderdale, Florida, which is the governing body of the CITY government.
- 1.8 CONSTRUCTION COST: The total construction cost to CITY of all elements of the Project designed or specified by CONSULTANT.
- 1.9 CONSTRUCTION COST LIMIT: A maximum construction cost limit established by the CITY defining the maximum budget amount to which the final construction documents should be designed so as not to exceed.
- 1.10 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.
- 1.11 CONSULTANT: _____, the CONSULTANT selected to perform professional services pursuant to this Agreement.
- 1.12 CONTRACT ADMINISTRATOR: The Public Works Director for the City of Fort Lauderdale or his 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.
- 1.13 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.
- 1.14 DEPARTMENT DIRECTOR: The Public Works Director for the City of Fort Lauderdale.
- 1.15 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.

- 1.16 FINAL STATEMENT OF PROBABLE CONSTRUCTION COSTS: A final cost estimate prepared by CONSULTANT during the Final Design Phase, of the Project, based upon the final detailed Construction Documents of the Project.
- 1.17 NOTICE TO PROCEED: A written Notice to Proceed with the Project issued by the Contract Administrator.
- 1.18 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.
- 1.19 ORIGINAL CONTRACT PRICE: The original bid and/or contract price as awarded to a Contractor based upon CONSULTANT's final detailed Construction Documents of the Project.
- 1.20 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.
- 1.21 PRELIMINARY PLANS: The documents prepared by CONSULTANT consisting of preliminary design drawings, renderings and other documents to fix and describe the size and character of the entire Project, and the relationship of Project components to one another and existing features.
- 1.22 PROJECT: An agreed scope of work for accomplishing a specific plan or development. This may include, but is not limited to, planning, architectural, engineering, and construction support services. 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.

- 1.23 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.
- 1.24 STATEMENT OF PROBABLE PROJECT COSTS: A document to be prepared by CONSULTANT that shall reflect a detailed statement of the total probable costs.
- 1.25 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.
- 1.26 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: Bridge Design and Miscellaneous Structural 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 CITY in a timely manner 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 outside the originally anticipated level of effort 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 (2022), 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 No. RFQ Event No.423.

Fifth priority: CONSULTANT's response to City of Fort Lauderdale Request for Qualifications No. RFQ Event No.423.

- 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 work. 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 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 term of the Agreement shall commence upon final execution of the Agreement by the CITY and shall expire THREE (3) years from that date. The City reserves the right to extend the contract for TWO (2) consecutive ONE (1) Year renewal 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 CONSULTANTs and subconsultants' various offices are not reimbursable under this Agreement. Reimbursables shall include only the following listed expenses:

- 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).

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 promptly 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 contracts 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 ten percent (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 percent (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 percent (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 ten percent (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 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 CONSULTANT.

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.

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.

Notice of termination shall be provided in accordance with Section 12.27, 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 12.27, NOTICES.

12.2.2 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.

12.2.3 Termination by CONSULTANT. CONSULTANT shall have the right to terminate this Agreement upon substantial 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 on 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 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 (2022), 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 (2022), 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 subconsultants 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:

(NAME ALL SUB-CONSULTANTS HERE)

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.

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. CHECK THIS

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 (2022), or to extend the CITY's liability beyond the limits established in said Section 768.28 (2022), 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, CONSULTANT shall, at its sole expense, 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 CONSULTANT. CONSULTANT shall provide the CITY a certificate of insurance evidencing such coverage. CONSULTANT's insurance coverage shall be primary insurance for all applicable policies, in respect to the CITY's interests for this Agreement. The limits of coverage under each policy maintained by CONSULTANT shall not be interpreted

as limiting 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 CONSULTANT for assessing the extent or determining appropriate types and limits of coverage to protect 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 CONSULTANT under this Agreement.

The following insurance policies and coverages are required:

Professional Liability

Coverage must be afforded for Wrongful Acts in an amount not less than \$2,000,000 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.

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 CONSULTANTS.

The CITY, a Florida municipality, its officials, employees, and volunteers are to be included 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 CONSULTANT. The coverage shall contain

no special limitation on the scope of protection afforded to the CITY, its officials, employees, and volunteers.

Watercraft Liability (Protection and Indemnification)

Coverage must be afforded in an amount not less than \$1,000,000 per occurrence and must cover the utilization of watercraft, including Bodily Injury and Property Damage arising out of ownership, maintenance, or use of any watercraft, including owned, non-owned, and hired.

Coverage may be provided in the form of an endorsement to the Commercial General Liability policy, or in the form of a separate policy covering Watercraft Liability or Protection and Indemnity for Bodily Injury and Property Damage.

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 CONSULTANT does not own vehicles, 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. 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 Statute.

CONSULTANT waives, and CONSULTANT shall ensure that 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.

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

Insurance Certificate Requirements

- a. 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. 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 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 CONSULTANT following expiration or early termination of the Agreement goes beyond the expiration date of the insurance policy, 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 included as an Additional Insured on all liability policies, with the exception of Workers' Compensation and Professional Liability.
- g. The CITY shall be granted a Waiver of Subrogation on CONSULTANT's Workers' Compensation insurance policy.
- h. The title of the Agreement, Bid/Contract number, or other identifying reference must be listed on the Certificate of Insurance.

The Certificate Holder should read as follows:

CITY of Fort Lauderdale

c/o Procurement Division

401 SE 21st Street

Fort Lauderdale, FL 33316

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 application of such deductible, co-insurance penalty, self-

insured retention, or coverage exclusion or limitation. Any costs for including the CITY as an Additional Insured shall be at CONSULTANT's expense.

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

CONSULTANT's insurance coverage shall be primary insurance in respect to the CITY's interests for this Agreement, its officials, employees, and volunteers. Any insurance or self-insurance maintained by the CITY shall be non-contributory.

Any exclusion or provision in any insurance policy maintained by 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 Agreement work has been accepted by the CITY, or until this Agreement is terminated, whichever is later. Any lapse in coverage may be considered breach of contract. In addition, CONSULTANT must provide to the CITY confirmation of coverage renewal via an updated certificate of insurance 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.

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

It is CONSULTANT's responsibility to ensure that any and all of CONSULTANT's independent CONSULTANTS and subconsultants comply with these insurance requirements. All coverages for independent CONSULTANTS and subconsultants shall be subject to all of the applicable requirements stated herein. Any and all deficiencies are the responsibility of CONTRACTOR. The CITY reserves the right to adjust insurance limits from time to time at its discretion with notice to Consultant.

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

The Agreement shall be interpreted and construed in accordance with, and governed by, the laws of the State of Florida. The Parties agree that the exclusive venue for any lawsuit arising from, related to, or in connection with this Agreement shall be in the State courts of the Seventeenth Judicial Circuit in and for Broward County, Florida. If any claims arising from, related to, or in connection with this Agreement must be litigated in federal court, the Parties agree that the exclusive venue for any such lawsuit shall be in the United States District Court or United States Bankruptcy Court for the Southern District of Florida. **BY ENTERING INTO**

THIS AGREEMENT, THE PARTIES HEREBY EXPRESSLY WAIVE ANY AND ALL RIGHTS EITHER PARTY MIGHT HAVE TO A TRIAL BY JURY OF ANY ISSUES RELATED TO THIS AGREEMENT. IF A PARTY FAILS TO WITHDRAW A REQUEST FOR A JURY TRIAL IN A LAWSUIT 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 SOLICITATION AND EXHIBITS

The solicitation, CONSULTANT's response to the solicitation and each exhibit referred to in this Agreement forms an essential part of this Agreement. The solicitation, CONSULTANT's response, and exhibits, if not physically attached, should be treated as part of this Agreement, and are incorporated herein by reference.

12.26 ONE ORIGINAL AGREEMENTS

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

12.27 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:

Connie Hayman
Public Works Department
City of Fort Lauderdale
101 NE 3rd Ave.
Fort Lauderdale, FL 33301
Telephone: (954) 828-7150
E-mail: chayman@fortlauderdale.gov

With a copy to: City Manager
City of Fort Lauderdale
401 SE 21st. St.

Fort Lauderdale, FL 33316
Telephone: (954) 828-5364

City Attorney
City of Fort Lauderdale
1 East Broward Boulevard, Suite 1650
Fort Lauderdale, FL 33301
Telephone: (954) 828-5037

CONSULTANT: NAME _____
TITLE _____
COMPANY _____
ADDRESS _____
Telephone (____) _____
Email: _____

12.28 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.

12.29 PERMITS, LICENSES AND TAXES

CONSULTANT shall, at its own expense, obtain all necessary permits and licenses, pay all applicable fees, and pay all applicable sales, consumer, use and other taxes required to comply with local ordinances, state and federal law. CONSULTANT is responsible for reviewing the pertinent state statutes regarding state taxes and for complying with all requirements therein. Any change in tax laws after the execution of this Agreement will be subject to further negotiation and CONSULTANT shall be responsible for complying with all state tax requirements.

12.30 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.

12.31 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.

12.32 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 one (1) year following the end of the Agreement.

12.33 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.

12.34 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.

12.35 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 (11th Cir. 2013), with regard to the "Cuba

Amendment," the Contractor certifies that it is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in Iran Terrorism Sectors List, created pursuant to Section 215.473, Florida Statutes (2024), as may be amended or revised, and that it does not have business operations in Cuba or Syria, as provided in Section 287.135, Florida Statutes (2024), as may be amended or revised. The Contractor certifies that it is not on the Scrutinized Companies that Boycott Israel List created pursuant to Section 215.4725, Florida Statutes (2024), 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 Contractor is found to have submitted a false certification as 57 provided under subsection (5) of Section 287.135, Florida Statutes (2024), as may be amended or revised, or been placed on the Scrutinized Companies with Activities in Sudan List, or been placed on a list created pursuant to Section 215.473, Florida Statutes (2024), as may be amended or revised, relating to scrutinized active business operations in Iran, or been placed on the Scrutinized Companies that Boycott Israel List created pursuant to Section 215.4725, Florida Statutes (2024), 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 (2024), as may be amended or revised.

12.36 PUBLIC RECORDS

IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT CITY CLERK'S OFFICE, 1 EAST BROWARD BOULEVARD, SUITE 444, 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.

12.37 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.

12.38 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.

12.39 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.

12.40 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, 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.

12.41 E-VERIFY

As a condition precedent to the effectiveness of this Agreement, pursuant to Section 448.095, Florida Statutes (2023), as may be amended or revised, the CONSULTANT and its subconsultants 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 subcontract 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 (2023), 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(5), Florida Statutes (2023), as may be amended or revised, but that the CONSULTANT otherwise complied with Section 448.095(5), Florida Statutes (2023), 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(5)(c)1. or 2., Florida Statutes (2023), 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(5)(c), Florida Statutes (2023), 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 subcontracts, if any, the requirements set forth in this Section, including this subparagraph, requiring any and all subconsultants, as defined in Section 448.095(1)(e), Florida Statutes (2023), 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)(e), Florida Statutes (2023), as may be amended or revised, with the requirements of Section 448.095, Florida Statutes (2023), as may be amended or revised.

12.42 ANTI-HUMAN TRAFFICKING

As a condition precedent to the effectiveness of this Agreement, the CONSULTANT shall provide the City with an affidavit signed by an officer or representative of the CONSULTANT under penalty of perjury attesting that the CONSULTANT does not use coercion for labor or services as defined in Section 787.06, Florida Statutes as may be amended or revised.

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: _____
Susan Grant
Acting City Manager

Date: _____

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

SAMPLE AGREEMENT

WITNESSES:

COMPANY, a Florida company/corporation

By: _____

Print Name

Print Name: _____

Title: _____

Print Name

(CORPORATE SEAL)

STATE OF _____:

COUNTY OF _____:

The foregoing instrument was acknowledged before me by means of physical presence or online notarization, this _____ day of _____, 2025, by (NAME OF AUTHORIZED OFFICER) as _____ (TITLE OF AUTHORIZED OFFICER) for (COMPANY NAME), a Florida (company/corporation).

(Signature of Notary Public - State of Florida)

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

Personally Known _____ OR Produced Identification _____
Type of Identification Produced: _____

EXHIBIT A

SCOPE OF SERVICES

SAMPLE A AGREEMENT

EXHIBIT "B"

HOURLY BILLING RATES

SEE BELOW

SAMPLE AGREEMENT

ADDENDUM NO. 1

ITB No. 423

TITLE: BRIDGE DESIGN AND MISCELLANEOUS STRUCTURAL ENGINEERING SERVICES

ISSUED: FEBRUARY 27, 2025

This addendum is being issued to make the following change (s):

- Revision of Section 12.9 of the Sample agreement

CHANGE FROM

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.~~

~~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. CHECK THIS~~

CHANGED TO

12.9 INDEMNIFICATION OF CITY

12.9.1 CONSULTANT shall indemnify and hold harmless CITY, its officers and employees, its elected and appointed officials, and its agents, from all 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 any persons employed or utilized by CONSULTANT in the performance of this Agreement, and any associated Task Orders or Work Authorization. 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.

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.

All other terms, conditions, and specifications remain unchanged.

Yesenia Pascual
Sr. Procurement Specialist

Company Name: _____
(please print)

Bidder's Signature: _____

Date: _____

ADDENDUM NO. 2

ITB No. 423

TITLE: BRIDGE DESIGN AND MISCELLANEOUS STRUCTURAL ENGINEERING SERVICES

ISSUED: FEBRUARY 27, 2025

This addendum is being issued to make the following change (s):

- The opening date has been changed to March 27th, 2025, at 2:00 PM.
- Q & A Close date has changed to March 20th, 2025, at 5:00 PM.

All other terms, conditions, and specifications remain unchanged.

Yesenia Pascual
Sr. Procurement Specialist

Company Name: _____
(please print)

Bidder's Signature: _____

Date: _____

**Event 423 - CHA Consulting, Inc.
 Bridge Design and Miscellaneous Structural
 Engineering Services, Continuing Services
 Contract**

Prime - CHA Consulting, Inc.

Classification	Unit	Final Rates
Labor Category		
Project Manager	Per Hour	\$ 185.64
QA/QC Lead	Per Hour	\$ 235.00
Senior Project Engineer	Per Hour	\$ 205.12
Project Engineer	Per Hour	\$ 155.00
Engineer	Per Hour	\$ 126.58
Designer	Per Hour	\$ 101.62
Engineering Intern	Per Hour	\$ 84.00

Subconsultant - CTS Engineering, Inc.

Labor Category		
3 Person Designating and Locating Crew	Per Hour	\$ 223.00
3 Person Survey Crew	Per Hour	\$ 200.00
4 Person Designating and Locating Crew	Per Hour	\$ 285.00
4 Person Survey Crew	Per Hour	\$ 270.00
SUR Chief Surveyor	Per Hour	\$ 207.00
SUR Mobile Survey Analyst 1	Per Hour	\$ 83.68
SUR Mobile Survey Analyst 2	Per Hour	\$ 108.72
SUR Mobile Survey Analyst 3	Per Hour	\$ 125.00
SUR Mobile Survey Operator	Per Hour	\$ 112.38
SUR Senior Surveyor	Per Hour	\$ 175.76
SUR Survey/GIS/SUE Analyst 1	Per Hour	\$ 70.83
SUR Survey/GIS/SUE Analyst 2	Per Hour	\$ 110.00
SUR Survey/GIS/SUE Analyst 3	Per Hour	\$ 130.52
SUR UAS Operator	Per Hour	\$ 102.11
Clerical	Per Hour	\$ 75.00
Project Manager	Per Hour	\$ 185.64
QA/QC Lead	Per Hour	\$ 235.00
Senior Project Engineer	Per Hour	\$ 205.12
Project Engineer	Per Hour	\$ 155.00
Engineer	Per Hour	\$ 126.58
Designer	Per Hour	\$ 101.62
Engineering Intern	Per Hour	\$ 84.00

Subconsultant - Infinity Source Communications Group		
Labor Category		
Community Outreach Manager	Per Hour	\$ 175.00
Community Outreach Specialist – Senior	Per Hour	\$ 126.19
Community Outreach Specialist – Assistant	Per Hour	\$ 80.00

Subconsultant - LARS Engineering, Inc.		
Labor Category		
Senior Engineer	Per Hour	\$ 210.00
Engineer	Per Hour	\$ 139.48
Certified Bridge Inspector	Per Hour	\$ 110.00
Assistant Bridge Inspector	Per Hour	\$ 81.94
Engineering Technician	Per Hour	\$ 84.63
Clerk	Per Hour	\$ 66.65

Subconsultant - McFarland-Johnson, Inc.		
Labor Category		
Division Director	Per Hour	\$ 266.80
Sr. Project Manager	Per Hour	\$ 238.95
Sr. Project Engineer	Per Hour	\$ 179.70
Project Manager	Per Hour	\$ 166.72
Project Engineer	Per Hour	\$ 151.00
Sr. Engineer / Sr. Scientist	Per Hour	\$ 169.00
Engineer / Scientist	Per Hour	\$ 111.00
Jr. Engineer / Jr. Scientist	Per Hour	\$ 90.00
Technician	Per Hour	\$ 93.00

Subconsultant - Tierra South Florida, Inc.		
Labor Category		
Principal Engineer	Per Hour	\$ 290.00
Chief Engineer	Per Hour	\$ 255.00
Senior Engineer	Per Hour	\$ 210.00
Project Manager	Per Hour	\$ 185.64
CADD	Per Hour	\$ 130.00
Sr. Engineering Tech.	Per Hour	\$ 118.00
Inspector	Per Hour	\$ 105.00

EXHIBIT "B" MAXIMUM BILLING RATES

Event No: RFQ 423

Event Title: Bridge Design and Miscellaneous Structural

Engineering Services, Continuing Services Contract

Consultant/Subconsultant Name: Tierra South Florida, Inc.

Field & Laboratory Testing Fees:

SOIL TESTING:	UNITS	FINAL UNIT PRICE
Field Density Test (five [5] minimum)	Test	\$35.00
Proctors	Test	\$130.00
Limerock Bearing Ratio Test	Test	\$375.00
Atterberg Limit Test	Test	\$90.00
Carbonate Content Test	Test	\$110.00
Organic Content Test	Test	\$65.00
Corrosion Series	Test	\$225.00
Natural Sample Moisture Content	Test	\$25.00
Unit Weight and Moisture Content (Undisturbed Sample)	Test	\$60.00
CONCRETE & MASONRY MATERIALS:		
Concrete Compression test (Min. four [4] cylinders per trip)	Set	\$155.00
Additional Concrete cylinders	Cyl	\$20.00
Concrete Compression test only [delivered to lab	Cyl	\$20.00
Slump test	Each	\$25.00
Air Content Test	Each	\$30.00
Grout Prism (Six [6] per set) - Includes preparation of Prism on site	Set	\$95.00
2" x 2 Mortar Cubes (Six [6] per set) - Includes preparation of	Set	\$95.00
Additional Mortar cubes	Each	\$25.00
Masonry Units: Compressive Strength	Unit	\$85.00
Masonry Units: Absorption	Unit	\$60.00
Concrete Cores (Min. 3) - Secure, trim & test	Core	\$105.00
Concrete Cores (Min. 3) - Testing of core [delivered to lab	Core	\$60.00
Windsor Probe Test (Min. 3 shots)	Test	\$155.00
Additional Windsor Probe Tests	Test	\$105.00
AGGREGATE TESTING:		
Grain size determination: Full grain size (8 sieves)	Test	\$90.00
Grain size determination: Wash through (#200)	Test	\$55.00
Sieve Analysis - Coarse Aggregate	Test	\$65.00
Specific Gravity & Absorption of Fine or Coarse Aggregate	Test	\$75.00
ASPHALT TESTING:		
Asphalt Cores (obtaining core samples)	Each	\$200.00
Asphalt Extraction & Gradation	Each	\$180.00
Asphalt Density and Thickness	Each	\$35.00
Marshall Stability (Incl. density, flow and stability of 3 specimens)	Each	\$170.00
Coring Machine plus Generator Rental	Trip	\$425.00
Superpave Resolution Testing - Gyrotory Compaction, bulk specific	Each	\$145.00
Superpave Resolution Testing - Rice Testing	Each	\$120.00
FIELD EXPLORATIONS/ INVESTIGATIONS:		
Auger Borings	Ft	\$12.00
Standard Penetration Test Borings - Truck Rig (0' - 50')	Ft	\$16.00
Standard Penetration Test Borings - Truck Rig (51' - 100')	Ft	\$18.00

Grout-Seal Boreholes - 0' - 50'	Ft	\$7.00
Grout-Seal Boreholes - 51' - 100'	Ft	\$9.00
Casing Allowance - 0' - 50'	Ft	\$9.00
Casing Allowance - 51' - 100'	Ft	\$11.00
Support Truck	Day	\$200.00
Mobilization of Truck rig to project (Min. Charge) - 50-mile travel	Each	\$450.00
Mobilization of Truck rig to project (Min. Charge) - 100-mile travel	Each	\$500.00
Mobilization of Track rig to project (Min. Charge)	Each	\$1,800.00
MISCELLANEOUS SERVICE:		
Percolation Test	Test	\$450.00
Double Ring Infiltrometer test	Test	\$850.00
Install Monitoring Well, 25' Depth	LF	\$50.00
Plug & Abandon Monitoring Well, 25' depth	Well	\$2,200.00
MOT (Maintenance of Traffic)	Set-up	\$1,800.00

EXHIBIT "B" MAXIMUM BILLING RATES

Event No: RFQ 423

Engineering Services, Continuing Services Contract

Consultant/Subconsultant Name: CTS Engineering, Inc.

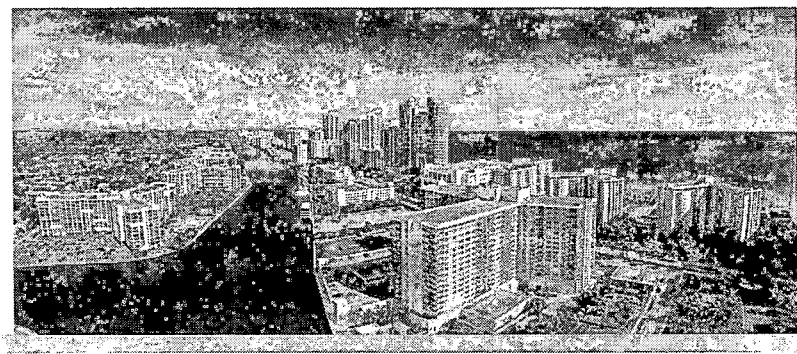
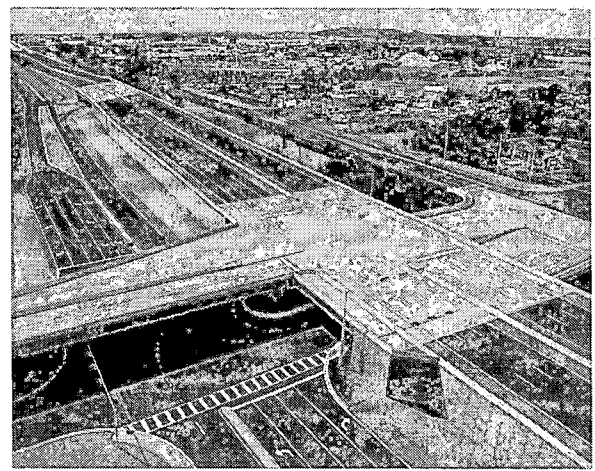
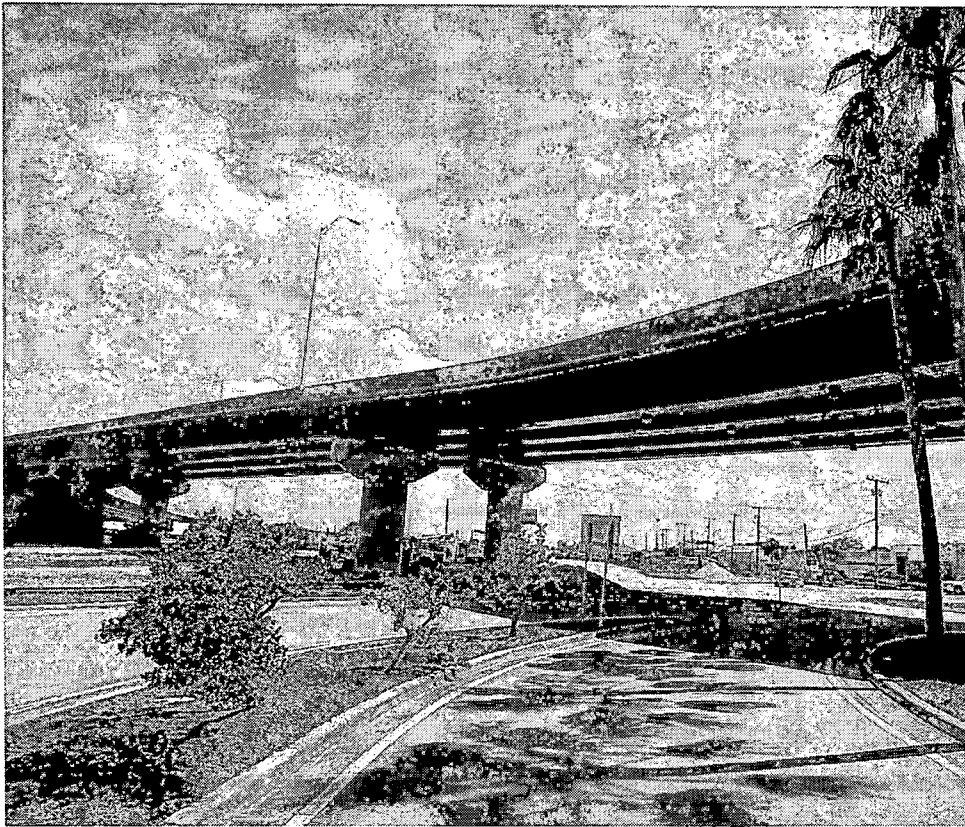
MISCELLANEOUS SERVICE:		
Test Holes without Survey- (4 Minimum to Mobilize)	Test	\$350.00

10/15/2025

CHA Consulting, Inc. has reviewed and approves these rates for Event 423 with the City of Fort Lauderdale.



Adrian Alfonso, P.E.
Project Manager
CHA Consulting, Inc.



CITY OF FORT LAUDERDALE

RFQ/Event #423; Bridge Design and Miscellaneous Structural Engineering Services,
Continuing Services Contract

MARCH 27, 2025 | 2:00 PM

PROPOSER:

CHA Consulting, Inc.
4700 Riverside Drive, Suite 110
Coral Springs, FL 33067

PRIMARY CONTACT:

Adrian Alfonso, PE
T: (786) 257-3073 | E: Adalfonso@chasolutions.com



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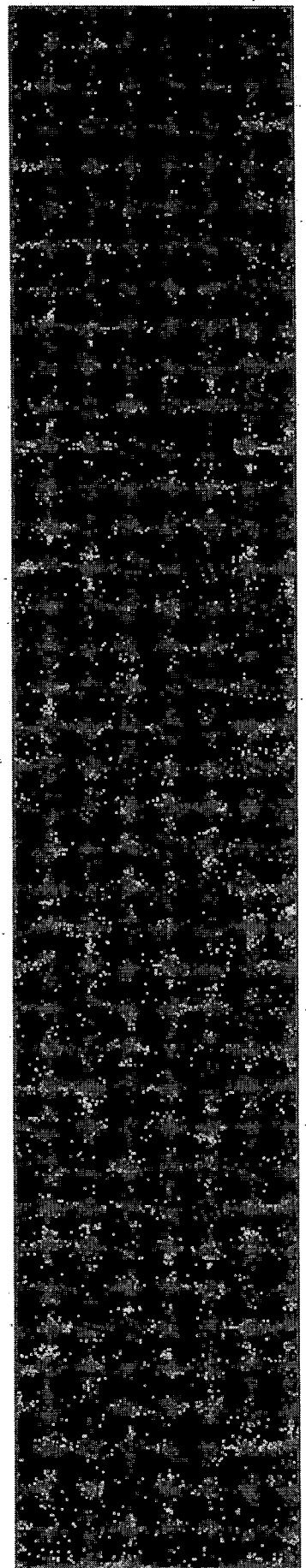
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Proposal Submission Authorization



TAB 1 - EXECUTIVE SUMMARY

1. EXECUTIVE SUMMARY

CHA Consulting, Inc. (CHA) is eager to become your trusted partner in providing **Bridge Design and Miscellaneous Structural Engineering Services, Continuing Services Contract** to the City of Fort Lauderdale.

Our team is committed to responsibly improving the world we live in, and we eagerly seek projects to enhance the communities where we reside and work. CHA will partner with CTS Engineering, Inc. (surveying & SUE), LARS Engineering, Inc. (bridge inspection) (DB/SBE), McFarland-Johnson, Inc. (environmental), Tierra South Florida, Inc. (geotechnical) (d/b/a), and Infinite Source Communications, Inc. (public involvement) (DBE/SBE/WBE) and is committed to providing the services as requested in this solicitation ensuring a blend of local insight and nationwide expertise.

With over 1900 employees and a presence across 50+ locations nationwide, CHA has been providing cutting-edge solutions in engineering for 72 years. Our expansive expertise and deep client relationships, coupled with a personalized approach, ensure solutions tailored to each project's unique needs.

Our Broward County office at **4700 Riverside Drive, Suite 110, Coral Springs, FL**, will serve as the primary location for this contract, with support from our Miami-Dade County office at **8935 NW 35th Lane, Suite 200, Doral, FL**. This strategically positioned offices ensure that we can offer immediate, efficient service for the duration of this contract.

Over time, we have acquired invaluable experience through our direct involvement in the design and management of significant bridge/structural, transportation, and architectural projects. Presently, we maintain active contracts with the City of Miami, City of Miami Beach, FDOT District's 1, 4, 5 and 6, Miami-Dade County Water and Sewer Department, the Miami-Dade County Public Works Department and Broward County. Additionally, we collaborate as subconsultants with various engineering firms.

CHA has a distinguished track record in bridge design. Our team has successfully completed numerous bridge design projects, demonstrating exceptional proficiency in structural engineering and innovative design solutions. CHA has been recognized by several national and state industry organizations with awards for our innovative solutions in bridge design and delivery, including , ACEC, PCI and AISC. We specialize in both the design of new bridges and the rehabilitation of existing structures, ensuring safety, durability, and aesthetic appeal. Our expertise encompasses a wide range of bridge types, including pedestrian bridges, highway overpasses, and complex multi-span structures.

With a commitment to excellence and a focus on **sustainable practices**, CHA is recognized **nation-wide as a lead expert in bridge and structural design**. Our proficiency extends to contract administration, water and sewer pipeline and pump station design, construction engineering inspection (CEI), electrical/lighting, traffic and site civil design and planning.

Business Structure

CHA Consulting, Inc. was incorporated in New York as a C-Corp on January 7, 1927, and licensed to practice engineering and conduct business as a foreign corporation in the State of Florida under document number F08000004937.

Its officers and principals include:

1. James B. Stephenson - President/Chief Executive Officer
2. Doug Nelson - Chief Financial Officer
3. Michael A. Platt - General Counsel and Secretary
4. Thomas D. Titsworth - Regional Counsel and Assistant Secretary

CHA's board of directors is comprised of:

1. James B. Stephenson
2. Michael Carroll

Ownership

CHA Holdings, Inc. is the 100% owner of CHA Consulting, Inc., and the organization has no trustees.

Contact Information

Adrian Alfonso, PE, Proposed Project Manager

T: (736) 257-3073 | **E:** Adalfonso@chasolutions.com

Office: 4700 Riverside Drive, Suite 110, Coral Springs, FL 33067

CHA AT A GLANCE



1900+
EMPLOYEES
FIRM-WIDE



145+
EMPLOYEES WITHIN
SOUTH FLORIDA



72
YEARS IN
BUSINESS



50+
OFFICE
LOCATIONS

ENR

ENGINEERING NEWS-RECORD

TOP FIRM

**#69 OF TOP 500
DESIGN FIRMS**

**#52 OF TOP 100
PURE DESIGNERS**

#48 TRANSPORTATION

We provide full-service programming and design:

- Alternative delivery
- Architectural
- Asset management
- Aviation design and planning
- Civil engineering
- Construction engineering
- Electrical
- Energy solutions
- Environmental, health and safety
- Geospatial innovation
- Geotechnical
- Health and safety
- Land development
- Life safety and security
- Mechanical
- Program management
- Sports planning and architecture
- Structural
- Survey
- Sustainability
- Tank rehabilitation
- Technology solutions
- Transportation engineering and planning
- Water and wastewater
- Wireless communications

The CHA Advantage

A Cohesive, Committed Team.

We bring together a blend of local insight and nationwide expertise in electrical engineering, ensuring the City of Fort Lauderdale receives top-tier services.

Local Leadership. Our project management team, rooted in the local community, is well-equipped with the resources and readiness to deliver exceptional outcomes.

M/WBE Commitment. Demonstrating our dedication to diversity, we have partnered with local DBE firms to bolster our construction inspection capabilities, pledging to achieve at least a 20% M/WBE participation in this contract.

Our team is spearheaded by our accomplished **project manager, Adrian Alfonso, PE**. He is backed by a strong engineering team whose collective expertise spans decades and encompasses a diverse range of specializations directly pertinent to this project. The team includes **Mike Culmo, PE**, a nationwide recognized bridge expert and an authority in quality assurance and control; **Eithel Sierra, PE**, a local transportation expert who brings an additional layer of quality assurance; **Levi Boyle, PE**, our expert for constructability reviews; **Jim Aitken, PE**, a transportation expert specialized in bridge and structural design; **Alejandro Leon, PE**, a roadway project team leader who specializes in maintenance of traffic (MOT) design; **Elio Espino, PhD, PE**, a business practice leader who specializes in active work zone management; and **Lissette Guon, EI**, our expert in utility coordination. Each member's unique expertise is integral to delivering a project that meets the highest standards of quality and innovation. Our team is ready to begin work immediately and is equipped to tackle the project's diverse requirements with precision and excellence.

CHA proposes to apply its extensive experience in bridge engineering and project management to deliver high-quality, sustainable solutions for the City of Fort Lauderdale. Our approach emphasizes innovative design, strategic resource allocation, and a commitment to environmental stewardship. We are poised to exceed the City of Fort Lauderdale's needs for the Bridge Design and Miscellaneous Structural Engineering Services contract.



TAB 2 - FIRM QUALIFICATIONS & EXPERIENCE

2. FIRM QUALIFICATIONS & EXPERIENCE

CHA is a multidisciplinary engineering, design, and construction management firm working with our clients on their most critical challenges. Whatever you're facing — big or small — we're in. Spanning sectors. Crossing markets. Connecting communities. Pushing ourselves to think (and work) differently. Because it all comes down to **creating solutions**.

Our expertise is established. Our client relationships run deep. Our footprint is expansive. Yet, our approach is personal. We're there for you; with you and dedicated to you, no matter what. Always set on **helping people**. Because making life better is why we're here. We have a responsibility to build a more sustainable future. Our commitment is to do it in ways that we can all see and touch. This is how we're **improving our world**. Together. Every day.

At CHA, innovation is our heartbeat, and we're leading the change in smart solutions! For the past several years, we've assembled a specialized team of skilled engineers and data scientists. Their expertise lies in evaluating and assessing cutting-edge technologies and applications.

For this contract, CHA brings to the table design professionals who have extensive experience in Bridge Design and Miscellaneous Structural Engineering Services, including work on continuing services contracts for public works projects.

CHA was incorporated in New York as a C-Corp in January 7, 1927 and licensed to practice engineering and conduct business as a foreign corporation in the State of Florida under document number F08000004937. The main address for this contract is **4700 Riverside Drive, Suite 110, Coral Springs, FL 33067** and the contact person is our project manager Adrian Alfonso, PE.

CHA Consulting, Inc.

M: (305) 592-7283

E: info@chasolutions.com

W: chasolutions.com

Adrian Alfonso, PE - Project Manager

O: (786) 257-3073

E: Adalfonso@chasolutions.com

CHA AT A GLANCE



1900+
EMPLOYEES
FIRM-WIDE



100+
BRIDGE DESIGN
PROFESSIONALS
NATION-WIDE



72
YEARS IN
BUSINESS



50+
OFFICE LOCA-
TIONS

What Sets CHA Apart and Unique for this Contract?

AN EXPERT TEAM: Our company has been the structural engineer of record on numerous major bridge and infrastructure projects nationwide. With over 100 Bridge Design Professionals working at CHA, our team brings unparalleled expertise and a proven track record of success in delivering complex engineering solutions.

A DATA-DRIVEN APPROACH: We don't just stop at evaluation; we empower your decision-making process with a robust business intelligence approach. Through insightful data analysis, we provide you with the information needed to make informed choices, ensuring the optimal performance and longevity of your structures.

A CLIENT-CENTRIC FOCUS: Your success is our priority. We tailor our smart solutions to meet your unique needs, ensuring you always stay ahead in the rapidly evolving technological landscape. Our commitment to client satisfaction drives us to deliver innovative and effective engineering solutions that exceed expectations

Team Capacities

CHA has teamed up with several trusted, local, and professional firms who also have a track record of exceptional service.

✓ Accelerated Bridge Construction (ABC)	✓ Fatigue & Fracture Studies	✓ Electrical/Lighting
✓ Hydrology and Hydraulics	✓ Scour Design Solutions	✓ Water Resources
✓ Bridge Design & Analysis	✓ Geotechnical Engineering	✓ Drainage
✓ Bridge Inspection & Reconstruction	✓ Surveying, Mapping and SUE	✓ Permitting & Compliance
✓ Temporary Walls, Bulkhead & Seawall Design	✓ Public Involvement	✓ Utility Coordination
✓ Demolition Plans for Steel & Concrete Structures	✓ Quality Control/Quality Assurance	✓ Grants/Funding
✓ Crane & Equipment Load Verifications	✓ Roadway	✓ Environmental Engineering
	✓ Signing & Pavement Markings	✓ Constructability Review
	✓ Maintenance of Traffic (MOT)	
	✓ Active Work Zone Management	
	✓ Traffic	

Key Staff

Our firm boasts a robust workforce of over 1900 dedicated employees. Within the dynamic South Florida division alone, we are home for over 145 professionals and are proud to have 40 registered engineers complemented by a team of 107 highly skilled engineering interns, designers, and scientists who provide unparalleled technical support.

Our expansive expertise encompasses a wide array of specialties, including structural engineering, drainage design, roadway engineering, electrical engineering, architectural planning, environmental assessments, traffic engineering, land use planning, construction management, and beyond. This diverse skill set enables us to deliver comprehensive, customized solutions that cater to the multifaceted needs of our clients.

In addition, we are home to several accredited Envision Sustainability Professionals who enhance our water, drainage, and construction engineering and inspection teams. Their specialized knowledge in sustainable practices ensures that we are equipped to tackle projects with the foresight and responsibility necessary for creating a more sustainable future.

CHA, in collaboration with its subconsultants, CTS Engineering, Inc. (surveying, mapping & SUE), LARS Engineering, Inc. (bridge inspection) (DB/SBE), McFarland-Johnson, Inc. (environmental), Tierra South Florida, Inc. (geotechnical) (d/b/a), and Infinite Source Communications, Inc. (public involvement) (DBE/SBE/WBE), has strategically assembled a team with specialized expertise tailored to the city's needs, ensuring high-quality service delivery for upcoming projects.

The project manager, **Adrian Alfonso, PE**, will oversee the technical design and coordination of disciplines, serving as the primary liaison with the City of Fort Lauderdale, ensuring the project's success through a collaborative effort with the entire team.

AVAILABILITY

Our proposed key personnel are available to undertake the potential assignments in this contract. Current and projected workloads are analyzed weekly at CHA to allocate resources appropriately. As projects are initiated, the appropriate technical and support resources necessary to perform each task are allocated to meet or exceed all project requirements. The team designated for this solicitation is poised to begin immediately, chosen for their extensive experience and capacity to meet the contract's diverse requirements.

UTILIZATION

Staff utilization is in the 40-100% range, leaving an uncommitted staff effort of average of 70%.

CHA has the resource availability to meet your delivery goals.



Past work experience of the key professionals that will be supporting the **City of Fort Lauderdale**, including a brief description of their professional background as it relates to their roles on this particular contract, are discussed below:



Adrian Alfonso, PE | Project Manager/Structural

- Adrian has 11 years of experience in designing bridges, retaining walls, and miscellaneous structures. He has successfully **led bridge design projects in South Florida** and has overseen the development from concept through final plans and construction.
- Adrian is also the **Section Manager** of our Miami based bridge design team and is responsible for overseeing the technical delivery of the design and plans for this group.
- Some of his relevant experience includes: Miami-Dade County DTPW Bridge Replacement at North Miami Avenue over Little River Canal (874127), Miami-Dade County WASD Opa-locka Executive Airport Bridge over SFWMD Canal and FDOT District 6 Reconstruction of SR 977/Krome Avenue.

Why Adrian? Adrian's local knowledge and experience will be vital to delivering these projects for Fort Lauderdale.



Mike Culmo, PE | QA/QC

- With over 41 years of experience in civil engineering, Mike has consistently overseen the quality control of bridge design activities, ensuring that all projects meet stringent industry standards and specifications.
- Leveraging his four decades of expertise, Mike has become a nationally-recognized authority in Accelerated Bridge Construction (ABC) technologies, applying this knowledge to improve the efficiency and safety of numerous bridge construction projects.

Why Mike? Mike's experience with ABC projects will be very applicable for the bridge projects in this proposal where the bridges will need to be replaced quickly while providing access for impacted stakeholders and residents at these locations.



Eithel Sierra, PE | QA/QC

- Eithel brings 29 years of expertise in highway and infrastructure design and management, with a strong background in infrastructure projects for major municipalities, including FDOT District 4, Broward County, and Palm Beach County.
- Proficient in urban and rural construction, reconstruction, and resurfacing projects, Eithel excels in managing roadway, signage, signalization, lighting, and ITS components. His meticulous approach guarantees high-quality outcomes and adherence to quality assurance standards.

Why Eithel? Eithel has extensive experience working on roadway projects in Broward County that will provide insight on to the best strategies for executing practical solutions with minimal impacts to the community.



Levi Boyle, PE | Constructability Review/Construction Engineering Inspection (CEI) Lead

- Levi brings over 12 years of diverse civil engineering experience, including roles as a CEI, contractor, and designer. He effectively managed multiple in-house construction projects at FDOT District 6 South Miami Dade and Monroe Residency.
- A 2017 FDOT Construction Academy graduate, Levi served as Senior Project Engineer in FDOT districts 1 and 4. His deep expertise in constructability review ensures projects are designed efficiently and executed seamlessly.





Jim Aitken, PE | Structural Lead

- Jim is a bridge expert specialized in bridge replacement and structural design. He leads the southeast bridge team at CHA, focusing on delivering service excellence and ensuring quality outcomes for clients.
- With 30 years in the field, Jim has successfully managed, designed, and delivered numerous bridge replacements and structural engineering projects across highways, transit, and railroads in Georgia and the southeast.
- Jim excels in handling multi-disciplinary projects, managing complex budgets, and developing innovative, cost-effective solutions. He has extensive experience with similar design projects, task orders, and on-call construction support services.



Cecilia Villoria, PE | Roadway and Signing & Pavement Markings Lead

- Cecilia has over 31 years of design and project management experience, including work on FDOT projects, ensuring compliance with state standards and regulations.
- She has successfully managed and executed roadway engineering design projects in Broward and Palm Beach counties, demonstrating a deep understanding of local infrastructure needs and challenges.
- Proficient in all aspects of project management, from scheduling and engineering design to construction inspection services, with a focus on pavement marking, signage, signalization, drainage, MOT, and specifications packages.



Alejandro Leon, PE | Maintenance of Traffic (MOT) Lead

- Alejandro has over 17 years of experience in designing highway facilities, specializing in MOT plans. He has completed the Advanced Maintenance of Traffic course approved by FDOT and has significant experience in MOT design, including major interchange reconstructions.
- Alejandro has been the lead designer and project manager on a wide range of projects for various agencies, including FDOT Districts 6 and 4, GMX, Miami-Dade and Broward Counties, and several local municipalities.
- His project experience include major interchange reconstructions, lighting-only projects, roadway reconstructions, RRR projects, bicycle/pedestrian mobility ADA compliance projects, and civil site projects.



Elio Espino, PhD, PE | Active Work Zone Management Lead

- With over 27 years in the field, Elio leads a team of engineers and technicians, providing comprehensive services in work zone management, traffic operations, and intelligent transportation systems (ITS).
- Elio's tenure as a district safety engineer within FDOT District 6 has equipped him with in-depth knowledge and practical experience in managing active work zones, ensuring safety and efficiency.
- Most recently, Elio supported FDOT District 6 with a high-profile project of Rickenbacker Bridge Rehabilitation. He actively monitored work zones and made real-time signal timing adjustments to alleviate congestion and improve traffic flow. Documented and analyzed outcomes through daily dashboards and traffic alerts to ensure effective traffic management.





Angela Baron-Ruiz, PE, ENV SP | Drainage/Permitting/Compliance/Sustainability Lead

- Angela has 16 years of experience in drainage, pump station design and hydraulic modeling for various projects.
- Angela has integrated sustainable practices in major projects, exemplifying her commitment to environmentally responsible engineering. Her focus extends beyond traditional design aspects to include sustainable drainage solutions and green infrastructure techniques. These efforts were aimed at reducing environmental impact, enhancing stormwater management efficiency, and improving the overall sustainability.
- Angela’s skills extend to permit acquisition and coordination with various agencies. Her work on projects like the Golden Glades Multimodal Transportation Facility and the SR-826/SR-836 Interchange demonstrates her proficiency in navigating complex regulatory landscapes and coordinating with multiple stakeholders.



Arnelio Alfonso, PE | Water Resources Lead

- With over 38 years of expertise in stormwater, Arnelio has successfully led projects focused on sea level rise mitigation, flood protection studies, and stormwater management master plans for various municipalities, state, and federal agencies.
- Arnelio has cultivated strong relationships with major agencies such as the South Florida Water Management District, the Florida Department of Environmental Protection, the U.S. Army Corps of Engineers, Miami-Dade County WASD and Miami-Dade Department of Regulatory and Economic Resources, ensuring seamless project execution and collaboration.
- Arnelio has extensive experience working with local Miami-Dade and Broward Counties municipalities, including the City of Fort Lauderdale. He served as the project manager for the design of the rehabilitation and replacement of approximately 15,200 feet of 54-inch HDPE force main, showcasing his leadership and technical proficiency in managing large-scale infrastructure projects.



Lisette Guon, EI | Utility Coordination

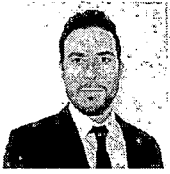
- Lisette has 22 years of experience in utility coordination for major water and sewer projects. She was the senior utility coordinator for the 48-Inch Diameter Water Transmission Main for “Area N” in Miami-Dade, where she handled the installation of a major water main and force main, requiring extensive coordination with utility agencies.
- She has been dedicated to maintaining high-quality standards in her work. She has prepared, reviewed, and updated construction documents in accordance with the FDOT Plans Preparation Manual, FDOT Design Standards, and the Manual of Uniform Traffic Control Devices, ensuring all projects adhere to the highest industry standards.
- She excels in managing and coordinating electrical infrastructure aspects of utility projects, integrating new systems into existing networks with a focus on safety and efficiency.



Joseph Graham, JD, PE | Grants/Funding

- Joe has over 15 years of experience in securing federal and state funding for various infrastructure projects. His expertise includes service and impact fee determinations, public system asset valuation, and budgeting for operations and capital improvement programs.
- Joe served as the technical representative to a multi-agency water cooperative, engaging with elected representatives, regulatory community members, and the general public on utility issues. His role involved strategic planning and securing funding for public infrastructure projects.





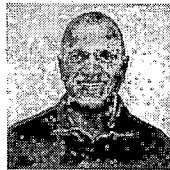
Adrian Leon, PE, CBI, CTI | Bridge Inspection (LARS)

- Adrian has over 16 years of expertise in structural design and inspection projects in South Florida, including bridges, traffic signal mast arms, high mast light poles, and overhead signs.
- He served as Project Manager, Deputy Manager, and Lead Inspector in major inspection contracts with FDOT Districts 1, 4, 5, 6, 7, GMX, and Miami-Dade Aviation Department.
- Since 2019, has been an integral part of FDOT District 6's Bridge and Structures Maintenance Unit, providing valuable support and expertise.



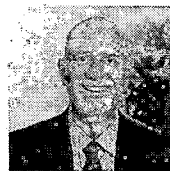
David Rosa | Environmental (McFarland Johnson)

- With over 24 years of experience, David has managed NEPA document preparation, site investigations, compensatory mitigation, monitoring, and environmental management, demonstrating his expertise in both benthic and terrestrial studies.
- David has collaborated with key regulatory agencies across South Florida, including the EPA, USACE, FDEP, SFWMD, FWC, and Broward County EPGMD, ensuring compliance and permitting for various environmental projects.
- He has led environmental efforts on significant projects such as the Fort Lauderdale GTL-WWTP Redundant Force Main Design-Build, FDOT District 4 bridge replacements and seagrass surveys, Venetian Causeway Bridge repairs, and the Fort Lauderdale-Hollywood International Airport Runway Extension.



Raj Krishnasamy, PE | Environmental (TSF)

- With over 38 years in the field, Mr. Krishnasamy has successfully completed more than 7,500 public and private projects as a Florida registered geotechnical engineer.
- As president and principal engineer of TSFGEO, he oversees geotechnical engineering, construction materials testing, and inspection services, and manages continuing contracts with over 20 Florida public agencies.
- His daily involvement in both in-house and field operations provides him with practical knowledge of current construction codes and practices, ensuring accurate, cost-effective, and timely project delivery.



Paul E. Doll, PSM | Surveying, Mapping and SUE (CTS)

- Paul has over 30 years of experience working on FDOT projects, including roles as survey crew chief, survey technician, and surveyor, where he conducted and supervised field surveys and reviewed data for compliance.
- He has significant expertise in data processing using software such as MicroStation, GEOPAK, CAiCE, and FDOT CADD applications, and has evaluated and developed procedures for Leica survey equipment.
- He has managed up to 20 survey and mapping consultant contracts, supervised in-house survey crews, and served on the state surveying and mapping technical advisory committee (SAMTAC), providing technical support and training to field crews.



Monica Diaz | Public Involvement (ISC)

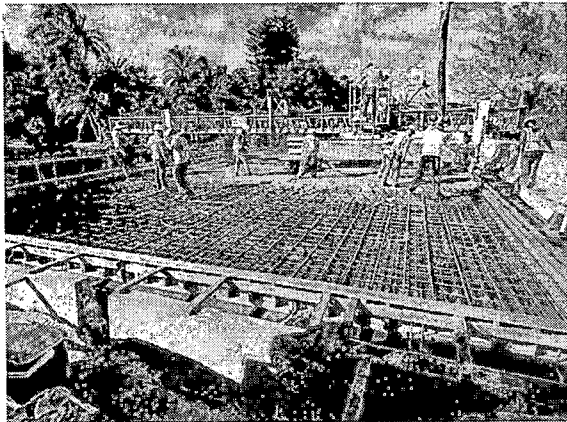
- Monica has over 20 years in public involvement, public relations, print journalism, and integrated marketing communications, managing staff and communications budgets exceeding \$2 million.
- She has successfully led outreach for over 60 roadway projects in South Florida, serving as the lead spokesperson for FDOT District Six Construction and the City of Miami Beach.



Past Experience

For over seven decades, CHA has been at the forefront of providing exceptional professional services across a multitude of engineering disciplines. Our vast experience is punctuated by numerous successful projects for entities mirroring the size and scope of the City of Fort Lauderdale. Detailed case studies from our extensive portfolio exemplify our strategic approach to project execution, where meeting deadlines and adhering to budgetary constraints are not merely goals but benchmarks for success. These narratives of past achievements are a testament to our firm's relentless drive for excellence and reliability in delivering results that not only meet but exceed our clients' expectations.

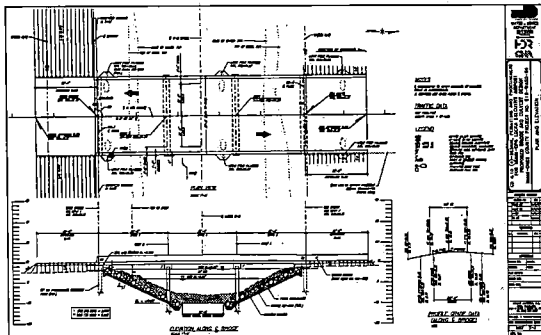
The subsequent pages will detail the prior work experiences showcasing our adaptability and expertise in managing complex demands.



Dates: 2018 - 2025
Professional Services: \$400,000
Construction Cost: \$3M

Bridge Replacement at North Miami Avenue over Little River Canal (DB16-DTPW-04) | Miami-Dade DTPW, FL.

This design-build project consisted of road improvements and the replacement of the N. Miami Ave bridge over the Little River Canal C-7, with an overall bridge length of 91'-6" and an overall bridge width of 70'-0". The project included the design and plan preparation of the new 3-span reinforced concrete deck slab bridge, which replaced the older 4-span structure. The project also required the design of a sheet pile retaining wall to provide slope stability and protection from the canal flow. The canal capacity was improved as part of this project by optimizing the cross-section and reducing the number of piles in the canal. The bridge was replaced in two phases to always maintain the flow of traffic along North Miami Avenue. Some challenges in the project included the relocation of utilities carried by the bridge, replacement of outfall drainage structures below the bridge, and stage construction.

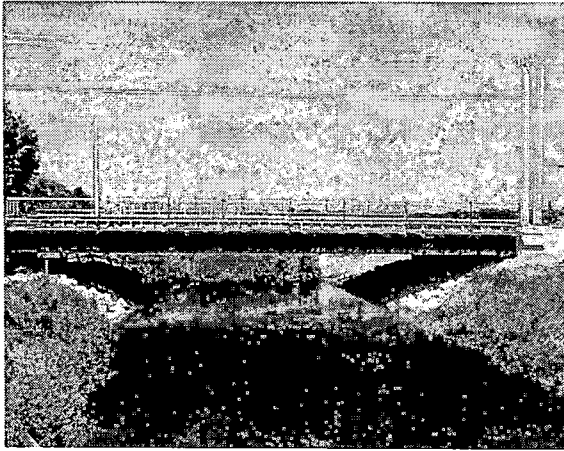


Dates: 2018 - Present
Professional Services: \$270,000
Construction Cost: Est. \$6.5M

Opa-locka Executive Airport Proposed Bridge over SFWMD C-8 Canal (E13-WASD-04) | Miami-Dade WASD, FL.

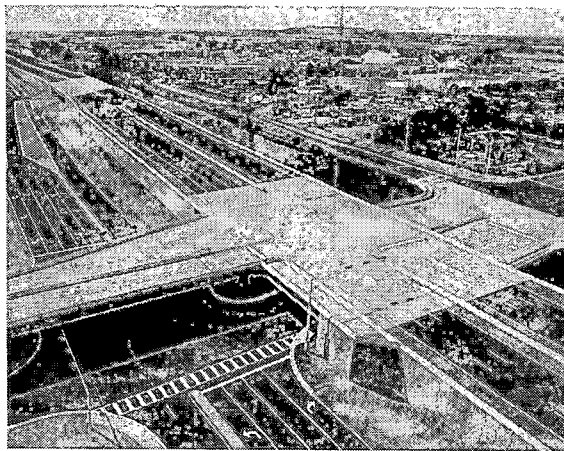
This project is located within the Opa Locka Executive Airport and involves the demolition of an existing bridge over the SFWMD C-8 Canal, the installation of a proposed 2-108" RCP culvert, the restoration of the canal cross-section, and the construction of a proposed three-span reinforced concrete deck bridge over the C-8 Canal. CHA was responsible for the design of all components of the project, including the demolition plan and the mitigation of existing hazardous materials. The bridge design featured a reinforced concrete deck superstructure to minimize the bridge profile. Coordination with MD-WASD, SFWMD, MDAD, and FAA was critical to ensure the requirements of all agencies were simultaneously met. The project also included lighting improvements on the bridge, a raised profile to meet canal requirements, and additional design and construction modifications to meet aviation and SFWMD requirements.





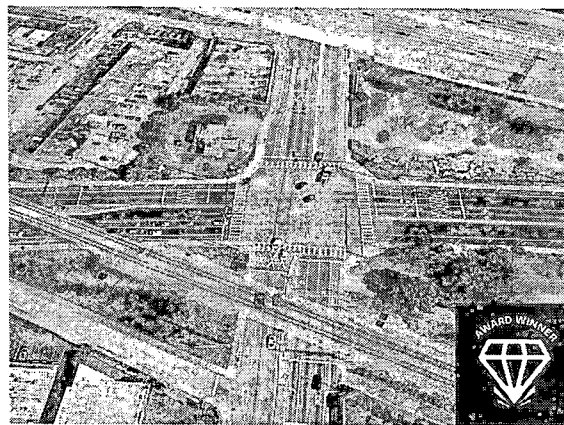
Dates: 2012 - 2020
 Professional Services: \$2.4M
 Construction Cost: \$28M

SR 997/Krome Avenue over C-102 Canal (FPID: 427369-2-52-01) | FDOT District 6, FL. CHA successfully completed the upgrade of SR 997/Krome Avenue/SW 177th Avenue, stretching from SW 232nd Street (MP 7.519) to just south of SW 184th Street/Eureka Drive (MP 10.536). The enhancement project transformed the existing two-lane undivided roadway into a more efficient four-lane divided highway. A major component of this project was the relocation and replacement of the SFWMD Control Structure S-194 crossing the C-102 Canal. CHA was responsible for the design of the structural, electrical, and mechanical components for the new structure, ensuring compliance with the latest SFWMD standards. Additionally, CHA was responsible for the design and plan preparation of two bridges using FIB-36 concrete beams. The project included a cantilever retaining wall using 24" piles with precast panels and the design of 16 mast arms, 8 of which were dual mast arms with several arms reaching the maximum standard length of 78 feet.



Dates: 2016 - 2021
 Professional Services: \$9.22M
 Construction Cost: Est. \$103M

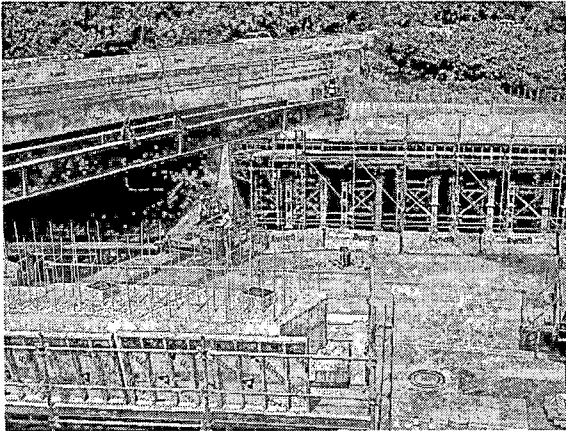
SR 25 Okeechobee Road from East of NW 107th Avenue to East of NW 116th Way (FPID: 423251-5-52-01) | FDOT District 6, FL. The project included the design of bridges for grade separation of Okeechobee Road over NW 116th Way with a T-bridge intersection for SE and NW connections to facilitate the left turn lane from southbound NW 116th Way to eastbound Okeechobee Road. Additionally, the project contained two bridge replacements to widen smaller bridges crossing the Miami (C-6) Canal at NW 121st Avenue and NW 116th Way. The Frontage Road, from MP 6.310 to MP 8.146, underwent complete reconstruction and realignment. CHA was responsible for all design project management and coordination efforts. They developed the roadway geometry and final plans and led the structure concept and final design for four bridges, drainage, ITS, lighting, utility coordination, and miscellaneous structures.



Dates: 2020 - 2023
 Professional Services: \$1.5M
 Construction Cost: NA

Design-Build Tiger Grant Project | FDOT District 4, FL. This project consisted of improvements on Riverland Road from US-441 to Broward Boulevard and included modifications to the existing bridge on Riverland Road over Brach South N New River, located in the City of Fort Lauderdale. The improvements to the bridge included the removal of existing concrete curbs, a new asphalt overlay, raising the barriers to meet ADA requirements, modifications to the barriers and approach guardrails for roadway safety, retrofitting the abutment wing walls, and adding bullet rails for the implementation of bike lanes. The load rating was reviewed to account for the changes to the bridge to ensure the modifications maintained the structural adequacy of the water crossing. The modifications optimized the bridge width while improving safety for the community. **Notably, the project earned a Florida Transportation Builders Association 2023, "Best in Consutruction Award, Community Awareness."**



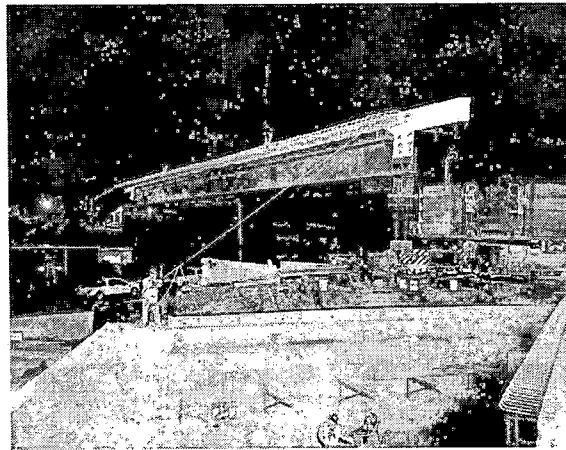


Dates: 2016 - 2021
Budget: \$7.2M

Route 4 Bridge over Lafayette Road Replacement

| RIDOT, RI. In April 2024, the Rhode Island Department of Transportation (RIDOT) engaged CHA to rapidly replace Bridge No. 078101 on Route 4 over Lafayette Road in North Kingstown. CHA employed an innovative lateral slide method (LSM), marking Rhode Island’s first use of this technique.

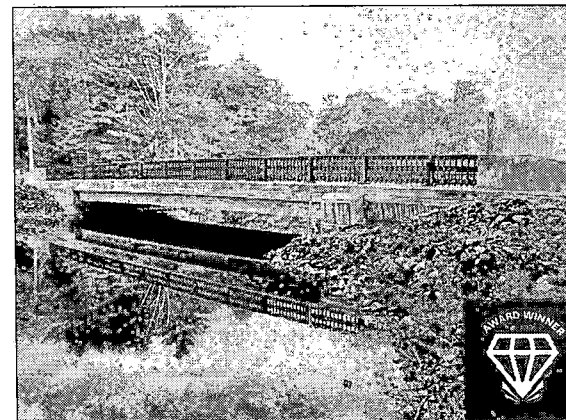
CHA’s role included designing the LSM, managing the project, and overseeing construction. The existing superstructure was demolished, and new precast concrete bridge seats were placed. The new superstructure was then slid into place using a skid system, minimizing traffic disruption. The project successfully enhanced the infrastructure with minimal impact on traffic, setting a new standard for bridge construction in the state.



Dates: 2015 - 2022
Budget: \$10.8M

Design for Bridge Nos. 00488 and 00489, Route 66 over P&W Railroad and NECR

| CTDOT, CT. The Connecticut Department of Transportation (CTDOT) undertook the rehabilitation of Bridge No. 00488, a structurally deficient steel pony truss built in the late 1930s, and the superstructure replacement of Bridge No. 00489 using accelerated bridge construction (ABC) techniques. Initially planned for complete replacement, Bridge No. 00488’s rehabilitation was chosen due to coordination challenges with the railroad and expiring project funds. CHA conducted thorough inspections, identified deterioration, and performed necessary repairs, including gusset plate replacements. Bridge No. 00489’s superstructure was replaced with prefabricated bridge units (PBUs) during a weekend closure, significantly reducing disruption. The project included comprehensive highway design, barrier upgrades, intersection design, and traffic management, with construction completed in summer 2023.

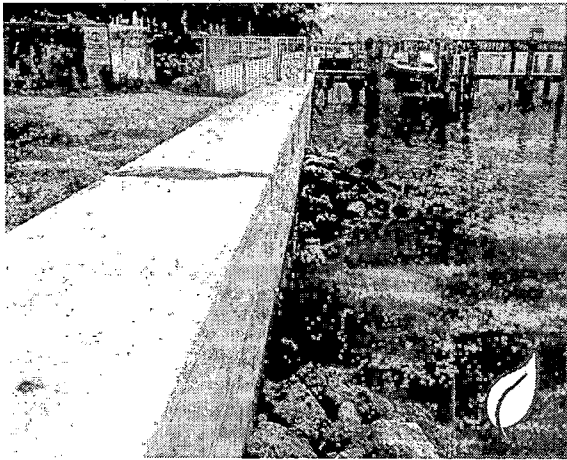


Dates: 2022 - 2024
Budget: \$2,670,00

Champeaux Road Bridge Replacement

| MassDOT, MA. The Massachusetts Department of Transportation (MassDOT) hired CHA to replace the Champeaux Road Bridge over Long Pond in Sturbridge, Massachusetts. Built in 1938, the bridge required total replacement due to structural deficiencies. CHA’s innovative design featured an integral abutment bridge supported by small-diameter, high-capacity structural elements called micropiles. This minimally invasive technology eliminates joints at the bridge’s ends, reducing long-term maintenance needs. CHA developed a comprehensive structural monitoring plan to track the bridge’s performance, with the data helping to inform future design standards. Completed a year ahead of schedule, the project improved flood resilience, enhanced safety, and minimized environmental impact. **At the ACEC CT’s 2025 Engineering Excellence Awards, CHA’s Connecticut Transportation team won the Merit Award for their innovative redesign of the Champeaux Road Bridge over Long Pond in Sturbridge, MA.**

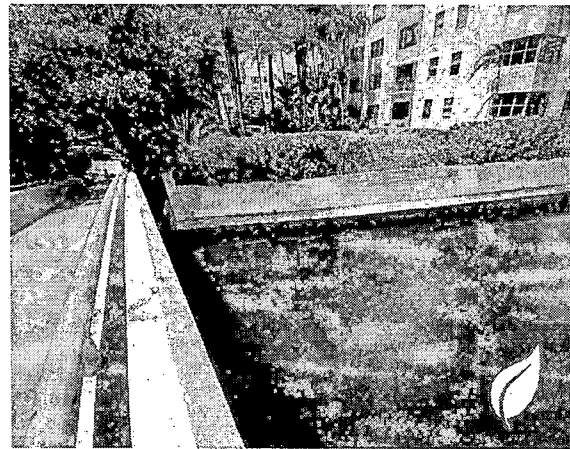




Dates: 2024 - Present
Professional Services: \$442,492
Construction Cost: NA

City of Miami Seawall Improvement | City of Miami,

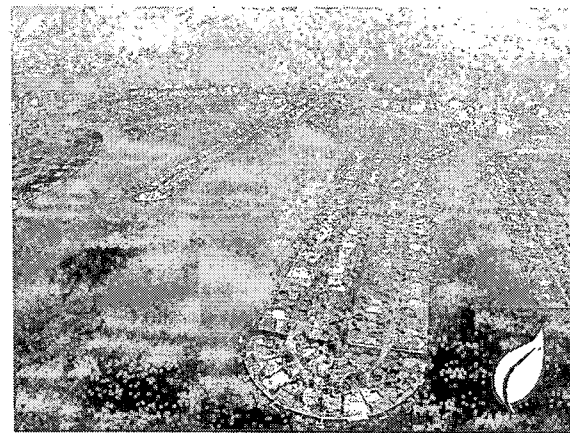
FL. This project involves rehabilitating three existing seawalls with a modified cap and replacing five existing seawalls with a new sheet piling seawall system in Edgewater, between NE 22nd Street and NE 34th Street along Biscayne Bay. The total length of seawall improvements across the eight locations is approximately 380 linear feet. The structural engineer is in charge of the plan development and structural design of the proposed seawall modifications and new seawalls. Drainage, roadway, and pedestrian improvements are also part of the new construction. Coordination with surveying, geotechnical, and permitting agencies is critical for the seawall improvements. The purpose of the seawall is to increase the top of wall elevation to mitigate the effects of sea level rise. The design of the seawalls will also implement an environmentally friendly living shoreline from Kind Designs. The living shoreline mimics ecosystems like mangroves to create habitats and promote the growth of local marine life.



Dates: 2022 - Present
Professional Services: \$281,090
Construction Cost: NA

City of Miami Beach Seawall Improvement | City

of Miami Beach, FL. This project consists of replacing three existing seawalls with a new post and panel seawall system along Collins Avenue between 23rd Street and 25th Street on the Intracoastal side of Miami Beach. The total length of seawall improvements across the three locations is approximately 470 feet. The structural engineer is in charge of the plan development and structural design of the proposed seawalls. The purpose of the seawall is to increase the top of wall elevation to mitigate the effects of sea level rise and enhance environmental sustainability by protecting coastal ecosystems.



Dates: 2004 - 2020
Professional Services: \$7.5M
Construction Cost: \$96.8M

Sea Level Rise Mitigation Program | City of Miami

Beach, FL. CHA, as the program manager for the City of Miami Beach Sea Level Rise Mitigation Program, collaborated with the city to assess the risks of rising seas and coastal flooding. They developed strategies for evaluating and adapting to these impacts, including infrastructure options, flood risk management, and transportation planning. CHA designed and implemented various construction projects to enhance climate change resiliency, such as stormwater systems, seawalls, and pump stations. Key projects included the Nautilus Neighborhood Improvements, Crespi Boulevard seawall construction, 11th Street Sea Level Rise Mitigation, Prairie Avenue Pump Station, Biscayne Point Neighborhood Improvements, Washington Avenue upgrades, Lummus Neighborhood Improvements, and Little Flamingo Neighborhood Improvements. These efforts informed policymakers and stakeholders, helping to prioritize and build adaptation strategies that bolstered the city's resiliency to sea level rise and coastal flooding.



Sustainable Practices

When it comes to environmental issues, the goal is always to minimize impact. CHA's Environmental, Health & Safety (EHS) Group achieves this goal by having intimate knowledge of environmental regulations and sustainable practices, properly assessing site conditions and applicable mitigation approaches, understanding your goals, and clearly and frequently communicating with you through the course of your sensitive environmental project and achieving your sustainability goals. We provide creative solutions to help clients investigate environmental challenges, design cleanup solutions, and comply with regulatory requirements. We have expertise in the following areas:

ENVIRONMENTAL PERMITTING AND COMPLIANCE

- Multi-Media Compliance Audits
- Preparation of SPCC and SWPPPs
- Environmental Impact Statements
- NEPA Compliance

ECOLOGICAL SERVICES

- Habitat Management Plans
- Wetland Delineation, Mitigation and Monitoring
- Invasive Species Management
- Stream Assessment and Restoration
- Threatened and Endangered Species Surveys

SITE INVESTIGATIONS

- Phase I Environmental Site Assessments
- Phase II Site Investigations

- Geophysical Investigations
- Soil Vapor Intrusion Studies

AIR TESTING AND PERMITTING

- Air Permitting and Stack Testing
- Indoor Air Sampling

HAZARDOUS MATERIAL BUILDING ASSESSMENT

- Asbestos, Lead Paint, and Mold Surveys

REMEDIATION


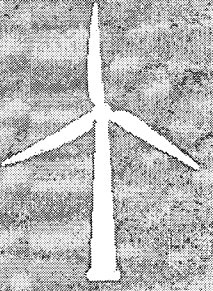
- Petroleum and Chemical Bulk Storage Design
- Remedial Design
- Construction Monitoring/Oversight

HEALTH AND SAFETY

- Health and Safety Program Development
- Health and Safety Training

We work hand in hand with our clients, blending expertise from multiple disciplines to create solutions that are not only practical but also environmentally conscious. As we navigate the complex intersection of environmental sustainability, community expectations, and cost-effectiveness, our goal remains unwavering: **to create a balance that serves both present needs and future generations.**

CHA'S SUSTAINABILITY RESULTS AT A GLANCE

<p>In 2022, our teams logged over</p> <h1>445</h1> <p>hours of volunteer time. That's more than 55 eight-hour days.</p> 	 <p>All Goals Achieved or On Track of the Goals Set in our 2019 Sustainability Report.</p>	<p>We celebrated our 70 year anniversary in 2022. Donations from CHA team members and families, combined with CHA's commitment to planting one tree for each employee, raised \$2,269.</p> <h1>That's 2,269 trees planted</h1> 	
<p>Our Green Team is made up of nearly</p> <h1>40</h1> <p>team members throughout the organization.</p>	<p>In 2019, we set the goal to reduce our CO₂ equivalent per employee 20% by 2025.</p> <p>In 2022, we achieved:</p> <h1>19%</h1> <p>reduction of CO₂ equivalent per employee through carbon reduction initiatives.</p> <h1>1%</h1> <p>investment in carbon offsets.</p> <p>Achieving our reduction goal 2 years early</p> <p><small>As a result, CHA's Green Team will establish new carbon reduction goals in 2023. *from our 2019 baseline.</small></p>		<p>We began recycling coffee pods in September 2022. During that four-month period, we recycled</p> <h1>1,227</h1> <h1>pounds</h1> <p>of coffee pods with 100% of these products converted as compost or recycled products.</p>



**National Awards for Bridge Design/
Construction Projects**

AISC 2022 National Steel Bridge of the Year,
NASCC Charter Oak Bridge

2021 PCI Design Award, Best Bridge with a
Main Span From 76-149 Feet, Blackhall Road
over Rum Creek

ACEC CT 2025 Engineering Excellence
Awards – Merit Award, MASSDOT
Champeaux Road Bridge Replacement

2022 National Steel Bridge Alliance
Prize Bridge Awards, Bridge of the Year,
CTDOT, Relocation of I-91 Northbound
Interchange 29

2025 ACEC Massachusetts Engineering
Excellence Awards, Bronze Award,
MASSDOT Bridge Rehabilitation on Route 2
Over Deerfield River

American Association of Civil Engineers
(ASCE) | Florida Section | Miami-Dade
Branch

2023 Project of the Year, Category I - CEI
Services for the Venetian Causeway Water
and Sewer Main Upgrades - Phase 1

2017-2018 Project of the Year, Category I for
Outstanding Engineering Achievement - 11th
Infrastructure and ROW Improvements

2017-2018 Project of the Year for
Outstanding Engineering Achievement - 54"
Direction Drill for the City of Miami Beach,
Florida

2016-2017 Project of the Year, Category
I, Honorable Mention for Outstanding
Engineering Achievement - NW 97th Avenue
Roadway Improvements for the City of Doral

2014-215 Project of the Year, Category II for
Outstanding Engineering Achievement -

Biscayne Point Neighborhood Project.

2013-214 Project of the Year, Outstanding
Engineering Achievement - The Port of
Miami Tunnel

2011 Project of the Year, CEI Consultant for
Outstanding Engineering Achievement - NW
25th Street Viaduct

2009 Project of the Year, Outstanding
Engineering Achievement - Miami
Intermodal Center Roadway Program,
Miami, FL

**American Council of Engineering
Companies (ACEC)**

2022 Engineering Excellence Awards -
Grand Award for Horizontal Directional
Drilling of 7 miles of 54" & 48" Redundant
Sewer Forcemain through Downtown Fort
Lauderdale, FL

2017 Engineering Excellence Awards - For
Design-Build of a 54 inch Redundant Force
Main Utilizing Horizontal Directional Drill

2017 Engineering Excellence Awards - Grand
Award for SR 826 (Palmetto Expressway)/
SR 836 (Dolphin Expressway) Interchange
Improvements, Miami, FL

**Broward Metropolitan Planning
Organization (MPO)**

2023 People's Award in the Safe Street
Summit - Prospect Rd. From Commercial
Blvd. to SR 811/Dixie Hwy

**Cuban American Association of Civil
Engineers**

2023 Presidential Award - CEI Services for
the Venetian Causeway Water and Sewer
Main Upgrades - Phase 1

**Design-Build Institute of America (DBIA) -
Florida Region**

2017 Project of the Year - Water and
Wastewater: Intercostal Waterway
Crossings at Las Olas Boulevard, Fort
Lauderdale, Florida. Engineer: A&P
Consulting Transportation Engineers, Corp

**Florida Engineering Society (FES) Local
Chapter**

2018 Outstanding Technical Achievement for
Design-Build of a 54-inch Redundant Force
Main Utilizing Horizontal Directional Drill
(HDD), Miami Beach, FL

2017 Outstanding Technical Achievement
for SR 826 (Palmetto Expressway)/SR
836 (Dolphin Expressway) Interchange
Improvements, Miami, FL

**Florida Institute of Consulting Engineers
(FICE)**

2017 Honor Award - Design-Build Project of
a 54-inch Redundant Force Main Utilizing
Horizontal Directional Drill (HDD). Client:
City of Miami Beach. Category I: Special
Projects

**Florida Transportation Builders
Association (FTBA)**

2023 Award: Best in Construction Award |
Community Awareness - Design Build Tiger
Grant

2018 Florida's Best in Construction
Interstate 2018: SR-93/I-75 Managed Lanes
from South of Miramar Parkway to South of
Sheridan St., Broward County, FL


2012 Florida's Best Construction Mayor
Bridge: N.W. 25th Street Viaduct

2012 Florida's Best in Construction
Interchange: Palmetto Expressway | Miller
Dr. | Bird Road. Miami-Dade County



CHA Business Certificates and Licenses

CHA Consulting, Inc.



[HOME](#) [CONTACT US](#) [MY ACCOUNT](#)

ONLINE SERVICES
LICENSEE DETAILS
3:44:50 PM 8/22/2024

Apply for a License

Verify a Licensee

View Food & Lodging Inspections

File a Complaint

Continuing Education Course Search

View Application Status

Find Exam Information

Unlicensed Activity Search

AB&T Delinquent Invoice & Activity List Search

Licensee Information

Name: **CHA CONSULTING, INC. (Primary Name)**

Main Address: **575 BROADWAY
ALBANY New York 12207**

County: **OUT OF STATE**

License Information

License Type: **Engineering Business Registry**

Rank: **Registry**

License Number: **28386**

Status: **Current**

Licensure Date: **01/29/2009**

Expires:

Note: FDBPR stopped issuing certificates in 2020. CHA's engineering license number is 28386.

CHA Consulting, Inc. is active and in good standing with the Florida Department of State under document number F0800004937 (see below).

State of Florida Department of State

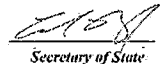
I certify from the records of this office that CHA CONSULTING, INC. is a New York corporation authorized to transact business in the State of Florida, qualified on November 17, 2008.

The document number of this corporation is F0800004937.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/uniform business report was filed on January 6, 2025, 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 Sixth day of January, 2025



Secretary of State

Tracking Number: 1095476068CC

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Files/Certificate/Status/CertificateAuthentication>

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 - 954-357-4829
VALID OCTOBER 1, 2024 THROUGH SEPTEMBER 30, 2025

Business Name: CHA CONSULTING INC

Receipt #: 315-331287
Business Type: ENGINEER (ENGINEERING FIRM)

Owner Name: CHA CONSULTING INC
Business Location: 4700 RIVERSIDE DR
CORAL SPRINGS
Business Phone: 5184532802

Business Opened: 10/28/2022
State/Country/Cert/Reg:
Exemption Code:

Rooms	Seats	Employees	Machines	Professionals
		6		

For Vending Business Only						
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
37.50	0.00	0.00	0.00	0.00	0.00	37.50

Receipt Fee: 37.50
Packing/Processing/Canning Employees: 0.00

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

WHEN VALIDATED

Mailing Address:
CHA CONSULTING INC
111 WINNERS CIRCLE
ALBANY, NY 12205

Receipt #315-33-00282693
Paid 08/26/2024 37.50

2024 - 2025

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Receipt #315-33-00282693
Paid 08/26/2024 37.50





TAB 3 -
QUALIFICATIONS OF
THE PROJECT TEAM

3. QUALIFICATIONS OF THE PROJECT TEAM

We have assembled a team distinguished by specialized expertise and a track record of successful collaboration on prior projects. **CHA**, alongside our partners, **CTS Engineering, Inc.**, **LARS Engineering, Inc.**, **McFarland-Johnson, Inc.**, **Tierra South Florida, Inc.**, and **Infinite Source Communications, Inc.**, has a history of providing services to local municipalities, and we have intentionally formed this team to align with the city's needs and our commitment to delivering high-quality services for any forthcoming projects under this contract.

CHA is recognized for delivering prompt and technically proficient services. Our reputation extends beyond our leading position in design, permitting, and construction management; we are also a preferred consultant for numerous municipalities.

Currently, we hold over 60 ongoing contracts with public agencies in Florida, offering multiple engineering services. Our clients rely on us for their most complex and high-profile endeavors.

The CHA team, selected for this solicitation, boasts considerable experience necessary to deliver the services outlined in the scope of services. All team members are ready to commence work immediately. Our team selection has been strategic, ensuring a local group that is well-equipped to meet the contract's multifaceted demands. When choosing our key staff, we consider not only their technical expertise but also their current capacity to handle the workload.



The project manager for this solicitation, **Adrian Alfonso, PE**, will be responsible for supervising the technical design elements and orchestrating various disciplines to guarantee timely project completion within the set timeframe. Adrian will act as the chief liaison between CHA, our subconsultants, and the City of Fort Lauderdale. With over 11 years of experience in similar projects, he has a well-documented history of success.

However, success is not the work of a single individual; it is a collective effort, and this contract will be no different. The accomplishment of this contract will be a testament to our team's collaborative spirit, emphasizing the significance of each member supporting the project manager.



The subsequent pages will detail the prior work experiences and professional backgrounds of the key professionals supporting Adrian, highlighting their specific contributions to this contract.

BRIDGE DESIGN AND MISCELL

TEAM:

- CHA** CHA Consulting, Inc. (PRIME)
- TSF** Tierra South Florida, Inc.
- CTS** CTS Engineering, Inc.
- ISC** Infinite Source Communications Group, Inc.
- LARS** LARS Engineering, Inc.
- MFJ** McFarland-Johnson, Inc.

CITY OF FORT

CONSTRUCTABILITY REVIEW

PROJECT

Levi Boyle, PE, 13* 75%
CHA

Adrian Alfonso, P
CHA

STRUCTURES

Jim Aitken, PE, 30*	75%
CHA	
Adrian Alfonso, PE, 11*	90%
CHA	
Nicholas Fernandez, 37	90%
CHA	
Pablo Arteaga, EI, 2	90%
CHA	
Emilio Castellanos, 1	90%
CHA	

ROADWAY/SIGNING & PAVEMENT MARKINGS

Cecilia Villoria, PE, 32*	80%
CHA	
Ena Gonzalez, PE, 20	90%
CHA	
Victor Venezia, PE, 6	80%
CHA	
Kevin Hernandez, 4	90%
CHA	

WATER RESOURCES

Arnelio Alfonso, PE, 38*	90%
CHA	
Julian Gomez, PE, 9	90%
CHA	

BRIDGE INSPECTION

Adrian Leon, PE, CBI, CTI, 16*	70%
LARS	
Randy Suarez, PE 18	70%
LARS	
Loren Marquez, PE, CBI, CTI, 14	80%
LARS	

PUBLIC INVOLVEMENT

Monica Diaz, 20*	70%
ISC	
Walna Calixte, 22	80%
ISC	

GEOTECHNICAL ENGINEERING

Raj Krishnasamy, PE, 38*	70%
TSF	
Kumar Vedula, PE, 29	80%
TSF	

Adrian Alfonso, PE

Project Manager - Structures

Adrian has over 11 years of experience designing bridges, retaining walls, and miscellaneous structures. Adrian currently leads CHA's Bridge Team based in South Florida, serving as a project manager and technical lead. His past experience includes work with Florida Department of Transportation, Florida's Turnpike Enterprise, the City of South Miami, the Greater Miami Expressway (GMX), Miami Dade Department of Transportation and Public Works, and the Miami-Dade Water and Sewer Department. He is experienced with Autocad, Open Bridge Designer, Microstation, GEOPAK, STAAD, and Mathcad for bridges, walls, and structure design. Adrian supported the Bridge Maintenance Office in District 6 using PONTIS and GIS for bridge inspection reports. He is also experienced with the electronic review comments (ERC) system to review project submittals. Adrian is dedicated to ensuring that projects are completed on time, within budget, and to the satisfaction of all stakeholders. Representative project experience includes:

Miami-Dade County WASD, Opa-locka Executive Airport Bridge over SFWMD c-8 Canal, Opa-locka, FL. Engineer-of-record and project manager. This project is located within Opa Locka Executive Airport and consists of the demolition of an existing bridge over SFWMD C-8 Canal, a proposed 2-108" RCP culvert, restoration of the canal cross section, and a proposed 3 span reinforced concrete deck bridge over C-8 Canal. Project Engineer responsible for the design of the bridge and project management activities such as coordination with MD-WASD, SFWMD, MDAD, and FAA. The project also included lighting improvements on the bridge, raised profile to meet canal requirements, and additional design/construction modifications to meet aviation and SFWMD requirements. **Reference:** Roger F. Williams, P.E.; (305) 804-5820. **Dates:** 04/2018- On-Going.

City of Miami, Seawall Improvements, Miami, FL. Engineer-of-record and project manager to design seawalls to mitigate sea level rise and incorporate an environmentally friendly shoreline to support local marine life. Rehabilitated three existing seawalls and replaced five with a new sheet piling seawall system along Biscayne Bay in Edgewater. Adrian managed plan development and structural design for 380 linear feet of seawall improvements. He oversaw plan development for drainage, roadway, and pedestrian enhancements, as well as coordinated with subconsultants, permitting agencies and the City of Miami. **Reference:** Pedro Javier Alvarado, E.I., CGC, CFM; (305) 476-1255. **Dates:** 04/2024 - On-Going.

City of Miami Beach, Seawall Improvement, Miami Beach, FL. Engineer-of-record and project manager. This project consists of replacing three existing seawalls with a new post and panel seawall system along Collins Avenue between 23rd street and 25th street on the Intracoastal side of Miami Beach. The purpose of the sea wall is to increase the top of wall elevation to mitigate the effects of sea level rise. The total length of seawall improvements of the three locations is approximately 470 feet. Adrian serves as the project manager and structural engineer for the design and plan delivery of the new seawalls. He is responsible for managing the schedules, budgets, resources and all coordination with the permitting agencies for this project. **Reference:** Giancarlo Peña, P.E., CGC. (305) 673-7000 **Dates:** 02/2022 - On-Going.



Education

Florida International University, FL.
B.S. in Civil Engineering (2014)

Registration

Professional Engineer: FL No.
87015 (03/27/2019)



Adrian Alfonso, PE
Project Manager/Structures

Miami-Dade County DTWP, Bridge Replacement at North Miami Avenue over Little River Canal (874127), Miami, FL. This design build project consists of road improvements and the replacement of the N. Miami Ave bridge over the Little River Canal C-7 with an overall bridge length of 91'-6". Adrian is the project engineer responsible for the design and plan preparation of the three span reinforced concrete deck slab bridge. The project also required the design of a sheet pile wall to provide slope stability and protection from the canal flow. Some challenges on the project included the relocation of utilities, replacement of outfall drainage structures below the bridge, and stage construction. **Reference:** Jim Hennigar, (561) 313-9815. **Dates:** 04/2016-01/2025.

Florida Department of Transportation - District 4, SR 817/University Drive (Riviera Boulevard to SR 824/Pembroke Road), Miami Gardens, FL, FPID No. 432066-8-52-01. Project engineer for the pedestrian bridge south of Miramar Boulevard over South Broward Drainage District Canal 1 with a contract amount of \$1.5 million in the City of Miramar, Broward County, Florida. Adrian was responsible for the bridge design that provided access over the existing canal to residential communities east and west of University Drive via access ramps supported on the embankment. **Reference:** Leslie Wetherell, PE, (954) 777-4438, Leslie.Wetherell@dot.state.fl.us. **Dates:** 09/2019 - 03/2025.

Florida Department of Transportation - District 4, I-95 Express Lanes Phase 3A-1 (South of Broward Boulevard to Atlantic Boulevard). Project engineer for the design-build project in Phase 3A-1 of the department's overall Phase 3 implementation of express lanes along the I-95 corridor within Broward and Palm Beach Counties. Adrian's responsibilities included supervising the design team to develop contract plans and structural calculations for multiple non-standard half-span sign structures consisting of dual uprights with span lengths over 120 feet and cantilever structures with dual upright supports. Other responsibilities included the design calculations and contract plans for 1,305 feet of 20 feet ground-mounted noise walls and several bridge-mounted signs. **Reference:** Vanita Saini, PE (954) 777-4468, Vanita.Saini@dot.state.fl.us. **Dates:** 09/2015- Ongoing.

Florida Department of Transportation - District 6, Reconstruction of SR 977/ Krome Avenue (SW 232 Street to South of SW 184 Street/Eureka Drive), Miami, FL. Structural engineer responsible for the design of bridges 871177 and 871178 over the C-102 Canal. Adrian was responsible for the bridge design including the 69 feet single-span using FIB-36 prestressed girders and pile-supported foundations at the abutments. Other responsibilities included the design of a cantilever retaining wall using 24-inch prestressed pile and precast panels. **Reference:** Bao-Ying Wang, PE, (305) 470-5211, BaoYing.Wang@dot.state.fl.us. **Dates:** 04/2014 - 04/2020.

Florida Department of Transportation - District 6, SR 25/Okeechobee Road Reconstruction, Hialeah, FL. This project includes the major reconstruction of SR 25 to provide grade separation at the intersection of NW 116th Way. Adrian leads the post-design services and was responsible for the design and plan preparation of the elevated T-intersection consisting of bridges 2 and 4, miscellaneous roadway structures, and special foundations. He is the project engineer for the design, plan preparation, and QA/QC of bridges 1 and 3. Design challenges on this project include the steel straddle bent on flared FIB-72 concrete beams, steel girder design with a skew above 40 degrees, and the elevated T-intersection. **Reference:** Bao-Ying Wang, PE, (305) 470-5211, BaoYing.Wang@dot.state.fl.us. **Dates:** 05/2016 - Ongoing.

Michael Culmo, PE

QA/QC Manager - Bridge & Structures

With a career spanning 41 years, Mike is a highly experienced civil engineer specializing in transportation, particularly in the design of bridges and highways. His expertise includes railroad bridges and accelerated bridge construction (ABC) technologies. As a director, he oversees design teams in developing new expressway interchanges, bridge designs, and bridge preservation projects. He also possesses significant knowledge in alternative delivery contracting methods, such as design-build (DB) and Construction Manager General Contractor (CM/GC). Furthermore, Mike is accountable for maintaining the quality control of design activities at CHA. Representative project experience includes:

Connecticut Department of Transportation, Major Bridge On-Call. CHA is under contract with the CTDOT to provide design services for major bridges throughout the state. The work generally consists of preservation design including deck evaluation, deck restoration and patching, steel repairs and strengthening, load rating, and substructure rehabilitation. CHA is currently designing six major bridges. Mike provides technical oversight for the work, tapping into his 40 years of experience with the rehabilitation and preservation of bridges. He also provides QA/QC for the designs. **Project Dates:** 2018-Present

Connecticut Department of Transportation Interchange Improvements, Exit 29 of Ramp, Interstate 91 (NB), and Routes 5/15 (NB). Principal-in-charge for modifications to I-91 Interchange 29 to improve safety and traffic flow along I-91 Northbound. The interchange connects I-91 Northbound with U.S. Route 5 and CT Route 15 via the Charter Oak Bridge. Guided development of structural design plans, load ratings, specifications, and cost estimates. Widening plan required significant modifications to seven existing corridor bridges, including the first five-spans of the Charter Oak Bridge with curved, splayed girders. **Project Dates:** 2015 - 2023

Atlantic Street Bridge Replacement Study, Stamford, CT. Project manager for a task study for replacement options for four bridges carrying the Metro North Railroad (MNRR) Commuter Railroad over city streets. The goal of the study was to reduce construction time from five years to under two years. Mike led and facilitated a workshop that included all stakeholders to brainstorm ideas to achieve the project goals. The results of the study were used for the project's final design that included the use of ABC (Self-Propelled Modular Transporters). Mike was also retained during the final design to provide technical expertise for the design of the Atlantic Street bridge. The project was a complete success and has received awards for innovation.

Walk and Saga Bridges Replacement Study, Norwalk, CT. Project manager for a task study for replacement options for two movable bridges in Norwalk. The bridges carry the commuter MNRR over two rivers. The goal was to investigate buildable construction options and ABC. Mike led and facilitated a workshop that included all stakeholders to brainstorm ideas to achieve the project goals. The recommendations of the study were to use ABC when possible and to use the Construction Manager General Contractor method of construction. Mike was also retained during the final design to provide technical expertise for the design.



Education

University of Connecticut, M.S. in Structural Engineering (1986)
 University of Connecticut, B.S. in Civil Engineering (1983)

Registrations

Professional Engineer:
 FL No. 69439 (6/8/2022)

Memberships and Affiliations

American Society of Civil Engineers
 Precast/Prestressed Concrete Institute
 - Northeast Technical Committee for Bridges
 Transportation Research Board
 - Steel Bridge Committee,
 Concrete Bridge Committee (Incoming Chair),
 Construction Committee



Michael Culmo, PE
 QA/QC Manager

Devon Bridge Replacement, Stratford/Milford, CT. Principal-in-charge for the design development of the MMRR Bridge over the Housatonic River. CHA is a subconsultant on the design team charged with studying a fixed span elevated bridge option and constructability analysis for all options.

Owner's Representative for CTDOT's First Design-Build Project, Replacement of Four Bridges on Route 8 in Bridgeport, CT. Project manager of the development of the Base Technical Concept (BTC) using ABC methods, the generation of procurement documents including the base contract, and assistance with program development, including creating process manuals, quality management specifications, and construction.

Connecticut Department of Transportation List 20-21, Replacement of Bridge No. 03469, Interstate 395 NB over Tracy Road, Killingly, CT. Principal-in-charge for conversion of a three-span, prestressed concrete girder bridge to a single-span structure and replacing the substructure. The new bridge is constructed of weathering steel girders and a reinforced concrete deck. Use of the GRS-IBS, which includes GRS approaches, enabled the elimination of expansion joints at the ends of the deck.

Rhode Island Department of Transportation, Providence, RI, Routes 6/10 Interchange Reconstruction. Project manager for this \$250 million complex interchange replacement, including constructing nine bridges (seven over Amtrak). Mike managed the team through the development of the base technical concept (BTC) plans, and the generation of procurement documents, including the base contract, provided extensive assistance with procurement, and is currently working with RIDOT to provide engineering support and construction management assistance. **Project Dates:** 2017 - Present

Preliminary Design and Owner's Representative, Medford, MA, 93Fast14 Bridge Replacement Project (DB and ABC Project). Principal-in-charge for this \$100 million project that involved the replacement of superstructures using ABC techniques. Work included development of the BTC, assistance with procurement and significant construction management assistance, and review of Quality Management Plan submissions and quality control submissions.

Massachusetts Department of Transportation, Raynham/Taunton, MA, SR 24 over the Taunton River Superstructure Replacement. Principal-in-charge where CHA was lead designer for replacement of the superstructure and widening on this limited-access highway. Our team developed an innovative design that widened the bridge pier without widening the foundations, which resulted in less work in the river and reduced overall project costs. A precast pier cap was designed to accomplish this. The precast pier cap was designed to be placed above the existing pier base. It was cantilevered out to support the widened superstructure. Prefabricated beam units and precast soldier pile wall stems on deep foundations were also used to reduce construction time.

Eithel M. Sierra, PE

QA/QC Manager - Roadway

Eithel has over 30 years of experience designing and managing highway and infrastructure facilities. He dedicated his first three years to providing Microstation, GEOPAK, CAICE, and plans preparation technical support to Florida, Illinois, and the Mississippi departments of transportation. He is highly experienced and works in urban and rural new construction, total reconstruction and resurfacing, restoration, and rehabilitation projects, including roadway, signing and pavement markings, signalization, lighting, and ITS components. Eithel is experienced in water and sewer main design, right-of-way plans, intersection layouts, specifications, technical special provisions, utility coordination, and permits. He is certified by FDOT to design traffic control plans. He has designed and managed several water and sewer projects for the Miami-Dade Water and Sewer Department, Florida Key Aqueduct Authority, the City of Miami Beach, and other municipalities. Representative project experience includes:

Florida Department of Transportation - District 4, Resurfacing of SR 70/ Okeechobee Road (Ideal Holding Road to South Rock Road), FPID No. 447653-1-52-01. Senior project manager and quality control manager responsible for designing and developing roadway plans for the 8-mile-high speed rural facility. Project included the implementation of two RCUT intersections and acceleration lanes. Project also included new sidewalk, utility coordination, public involvement, and coordination with stakeholders. **Reference:** Jeffrey Robbert, PE, (954) 777-4648, Jeffrey.Robbert@dot.state.fl.us. **Dates:** 09/2022 - Ongoing. **Construction Cost:** \$23 million. **Professional Services:** \$1.5 million.

Florida Department of Transportation - District 4, Resurfacing of SR 5/ Federal Highway (6th Avenue North to Arlington Road), FPID No. 447660-1-52-01. Quality control manager responsible for designing and developing roadway construction plans. Project included implementation of traffic calming measures such as new RRFB crosswalk, raised intersection, and speed feedback signs. Lanes were also repurposed to provide provisions for bike lanes. Project also included sidewalk ADA improvements, utility coordination, public involvement, and coordination with stakeholders. **Reference:** Lance Jones, PE, (954) 777-4690, Lance.Jones1@dot.state.fl.us. **Dates:** 10/2022 - Ongoing. **Construction Cost:** \$2.1 million. **Professional Services:** \$700,000.

Florida Department of Transportation - District 4, Resurfacing of SR 5/ U.S.-1/Federal Highway (Bailey Street to Eve Street), FPID No. 447658-1-52-01. Quality control manager responsible for designing and developing roadway construction plans. The project included the implementation of green-colored bike lanes at conflict points, signalization improvements, and lighting improvements. The project also included sidewalk ADA improvements, utility coordination, public involvement, and coordination with stakeholders. **Reference:** Ron Wallace, PE, (954) 646-1197, Ronald.Wallace@dot.state.fl.us. **Dates:** 10/2022 - Ongoing. **Construction Cost:** \$3.4 million. **Professional Services:** \$480,000.



Education

Florida International University, FL,
B.S. in Civil Engineering (1995)

Registration

Professional Engineer: FL No.
55401 (02/11/2000)

Qualifications and Certifications

Advanced MOT Certification
FDOT Specification Certification
CHA Project Manager Certification

Memberships and Affiliations

Member of the American Society
of Civil Engineers



Eithel M. Sierra, PE
 QA/QC Manager

Florida Department of Transportation - District 4, Prospect Road (SR 870/ Commercial Boulevard to SR 811/North Dixie Highway), FPID No. 435925-1-52-01. Senior project manager responsible for this off-system Broward County MPO Mobility project to add bicycle lanes using minor widening and lane elimination or “road diets.” Improvements included milling and resurfacing to include bicycle lanes, drainage improvements, sidewalk improvements as necessary to comply with ADA, upgraded signing and pavement markings, retrofitted lighting at the signalized intersection of Powerline Road, relocated trees, and modified traffic and pedestrian signals within the limits of the project. The project required approval from Broward County for a lane elimination from six-lanes to four-lanes, and we provided coordination with Broward County, the City of Oakland Park, Broward MPO, and stakeholders. **Reference:** Claudia Vinitzkiy-Calvo, PE, (954)777-4476, Claudia.Vinitzkiy-Calvo@dot.state.fl.us. **Dates:** 11/2016 - 06/2021. **Construction Cost:** \$4,626,689. **Professional Services:** \$1.1 million.

Florida Department of Transportation - District 4, SR A1A (South of Jasmine Lane to North of SR 60/Beachland Boulevard), Vero Beach, FL, FPID No. 443996-1-52-01. Senior project manager for the resurfacing, restoration, and rehabilitation (RRR) initiative, the primary goal was to extend the roadway’s lifespan and enhance safety and functionality through milling and resurfacing the asphalt. This project aimed to improve the roadway by incorporating a 7-foot bicycle lane; installing new drainage systems and sidewalks on the east side for northbound traffic; adding ADA-compliant curb ramps; modernizing pedestrian signals, detectors, and signage; and retrofitting street lighting to LED at key intersections. Upgrades to signage and pavement markings, alongside tree disposition plans, were also integral. Furthermore, the project entailed constructing a new southbound right-turn lane and extending existing right-turn lanes at strategic intersections, thereby enhancing the roadway’s operational efficiency and safety. **Reference:** Humberto Arrieta, PE, (954) 777-4152, Humberto.Arrieta@dot.state.fl.us. **Dates:** 10/2019 - 02/2022. currently under post-design **Construction Cost:** \$4.61 million **Professional Services:** \$1.2 million.

Florida Department of Transportation - District 4, SR 817/University Drive (Riviera Boulevard to SR 824/Pembroke Road), Pembroke Pines, FL, FPID No. 432066-8-52-01. Project manager for this Broward County Metropolitan Planning Organization (MPO) mobility project along SR 817/University Drive. The primary purpose of this project was to provide pedestrian, bicycle, traffic, transit, operational, and safety improvements along the project limits. The improvements included accommodating bicycle lanes by milling, resurfacing, and widening the existing roadway; drainage, curb and gutters; widening sidewalks; ADA curb ramps; adding bus shelters at current bus stop locations; constructing a new pedestrian overpass bridge near the intersection of Miramar Boulevard, over the South Broward Drainage District Canal 1; upgrading signing and pavement markings, upgrading pedestrian countdown signals at all signalized intersections; replacing light poles impacted by the proposed widening; and improving lighting uniformity levels on the sidewalk, including pedestrian lighting retrofit at all signalized intersections. The project required extensive coordination with MPO, the City of Miramar, stakeholders, and adjacent projects. **Reference:** Leslie Wetherell, PE, (954) 777-4438. **Dates:** 09/2019 - 01/2022.



Jim Aitken, PE

Structures Lead

Jim is the Southeast Bridge Project Team Leader for CHA and is responsible for leading the Transportation group and ensuring our clients receive service excellence, of which quality is a major component. He has 30 years of experience successfully managing, designing and delivering bridge and structural engineering projects as part of highway, transit and railroad projects throughout GA and the southeast. Jim's experience includes large, multi-disciplined design projects; bridge design task orders; design review task orders; and on-call construction support services. He has experience managing multi-discipline project staff, large and complex project budgets, and developing innovative and cost-effective solutions as a project manager. Representative project experience includes:

GDOT Multiple PIs, 2020 Bridge Bundles, Contract 11. Jim is the project manager for a bridge replacement bundle comprising six projects located in GDOT District 7. These projects encompass turnkey services from concept development through final design. The specific projects include PI 0016580, Hopewell Road over Chicken Creek; PI 0016581, Birmingham Road over Chicken Creek Tributary; PI 0016582, Freemanville Road over Cooper Sandy Creek; PI 0016599, Waters Road over Long Indian Creek; PI 0016605, Bethsaida Road over Morning Creek; and PI 0016606, Upper Riverdale Road over Flint River. Accelerated Bridge Construction (ABC) is being utilized for the bridges in projects PI 0016580 and PI 0016581. Jim's responsibilities as project manager include resource planning, budget development, client and stakeholder coordination, inter-discipline coordination, and subconsultant coordination for each bridge replacement project. All of these projects require NEPA certification with a CE or PCE. Extensive utility and ROW coordination is required to deliver these projects successfully. Jim is the leader and manager of this coordination and has successfully navigated the challenges associated with these activities, in addition to the aggressive project schedules for each project. He is coordinating directly with the cities of Milton, Alpharetta, South Fulton, and Clayton County on these off-system projects that will be returned to those jurisdictions when the construction is completed

GDOT, PI 007060, SR 18 @ CS 44/NSRR, Wilkinson County, GA. Project manager and structures task manager to replace the structurally deficient bridge carrying SR 18/Gray Highway over the NSRR tracks and reconstruct the roadway approaches on each end of the bridge. In addition to the bridge replacement, the intersection of SR 243/Milledgeville Road and SR 18 was planned to be reconfigured for safety reasons. This project was a full-service "turnkey" project, and the scope included survey, NEPA, concept development, and preliminary and final design services. This project was managed out of GDOT District 2, and Jim coordinated with the GDOT PM through various meetings, phone calls, and visits to the site. He managed all subconsultants, budgeting, and invoicing on the project and ensured that QA/QC processes were followed. He served as the main point of contact for all project correspondence and communicated regularly with the GDOT PM to verify project expectations were being met. The concept was developed for the project before it was canceled in 2008 due to funding issues.



Education

University of Massachusetts at Amherst, MA, B.S. in Civil Engineering (1994)

Registrations

Professional Engineer:
FL No. 0064817 (7/13/2006)

Professional Structural Engineer,
GA No. SE000980 (2/15/2021)

Memberships and Affiliations

American Railway Engineering & Maintenance-of-Way Association
National Council of Examiners for Engineering & Surveying

Jim Aitken, PE
Structures Lead

GDOT PI 0001758, I-285 Top-End Express Lanes, Atlanta, GA. Deputy project manager (DPM) and structures lead for the General Engineering Consultant (GEC) team for GDOT's Major Mobility Investment Program (MMIP). The project will improve the level of service, increase mobility on I-285, and the associated connection with the construction of two tolled, managed lanes (express lanes) in each direction along the 22 mile-long northern segment of I-285. As DPM, Jim is responsible for the leadership of the CHA roadway, right-of-way and bridge designers for CHA's assigned design segments on this 22-mile Elevated Express Lanes project. Jim manages the resource availability, project schedules, budgeting, invoicing, and management coordination with Jacobs Engineering. He is also a part of the GEC leadership team. He uses his knowledge and understanding of the PDP to provide technical and policy guidance to the GEC team, mainly related to structural design and quality assurance.

GDOT PI 0007217, Social Circle Bypass, Newton/Walton Counties, GA. Structural task manager for the design of two bridges over the Little River Tributary. Each bridge is a 3-span, AASHTO Type III PSC beam bridge, supported on cast-in-place concrete bents with spill-through pile-supported abutments. Bridge 1 is 184 feet long (66'-66'-52'), and Bridge 2 is 197 feet long (57'-87'-57'). Jim led the bridge teams on this project and provided technical oversight and QA/QC for the design and plan production. He also coordinates closely with all other design disciplines, including roadway, hydraulics, and geotechnical.

GDOT, PI 110400, I-985 Reconstruction and Widening Project, Hall County, GA. Senior structural engineer for the design of three bridges along this corridor of I-985 in Georgia. The project replaced two bridges carrying I-985 over SR53 and SR13 over I-985. It also constructed a new slip ramp bridge for Ramp D, crossing Ramp E, as part of this interchange reconstruction in Hall County. Bridge types consisted of concrete deck on precast concrete beams. These bridges required designing the bridges using a staged construction scheme to maintain traffic on both the Interstate and the State Highway system. Jim's responsibilities included checking of the structural design and plans for all three bridges. He led structural design and was responsible for developing the structural design of the bridges and walls for the project. He provided oversight of the structural team direction of structural tasks, QA/QC and oversight of the production of contract plans and documents. He also was the structural lead for the construction support phase, responding to RFIs and shop drawing reviews.

GDOT PI 121385, Bridge Replacement SR 11/US 19 Over Ivy Log Creek, Union County, GA. Senior structural engineer and EOR for the bridge design to replace the bridge on this project. The new bridge is a 2-span, 155-foot long, 43-foot wide bridge and consists of a CIP concrete deck on AASHTO PSC beams, supported by the concrete bent substructure and spill-through abutments. The bridge was designed to account for seismic loads as required in this part of Georgia. Bridge foundation construction required the use of cofferdams and sealed concrete to construct the piers in the creek. The new roadway alignment was shifted to a new location and required constructing a 900-foot long tie-back retaining wall to minimize traffic disruption. Jim was the EOR for both the wall and the bridge. He completed the final designs and oversaw the production of the plans for delivery through FFPR and procurement. Jim led the quality assurance and control process for the finished design.

Nicolas Fernandez

Structures

Nicolas has over 37 years of experience designing complex transportation, building, and bridge projects involving rehabilitation, replacement, and new construction. He serves as a structural designer and has supported the design of bridges, buildings, and miscellaneous structures during his tenure with the Structural Department. He is experienced with Microstation, GEOPAK, STAAD, SAP 2000, Mathcad and LEAP Bridge Enterprise software for bridge design. His design experience, knowledge of the AASHTO Code, and extensive knowledge of constructability have allowed him to develop a resume of successful projects. Representative project experience includes:

Miami Dade County - Water and Sewer Department, FL, Pump Station 300 Upgrades. Project engineer responsible for the structural detailing of all components, including foundation plan, ground floor plan, roof plan, sections, and miscellaneous details for the pump station's new electrical room and refurbishment of the existing building. Nicolas performed the structural design of masonry walls, concrete beams, and roof joists and developed plan details and calculations for wet well and valve vault components. Project Reference: Juan Curiel, PE (305) 865-7477 | Beg. Date-End Date: 03/2021 - Ongoing.

Miami-Dade County Aviation Department, FL, Rehabilitation of Bridge 874635 at Miami International Airport. Project engineer responsible for plan detailing of repairs to multiple components, including concrete cracks, bridge expansion joints, class 5 surface Finish details, and steel support brackets exhibiting various degrees of corrosion. Nicolas conducted field reviews to identify member deficiencies in the superstructure and substructure to develop quantity takeoffs. Project Reference: Abel Oporto, PE (305) 869-3876 | Beg. Date-End Date: 06/2021-On-going.

City of Miami Beach, FL, A&E Services for Seawall Replacement. Structural intern in charge of the plans development and structural design of the proposed sea walls. The purpose of the sea wall is to increase the top of the wall elevation to mitigate the effects of sea level rise. This project consists of replacing three existing seawalls with a new post and panel seawall system along Collins Avenue on the Intracoastal side of Miami Beach.

Florida Department of Transportation - District 4, Henry E. Kinney Tunnel Rehabilitation Design Services*. Structures engineering intern for the design of the Henry E. Kinney Tunnel rehabilitation along SR 5/U.S. 1 crossing under Las Olas Boulevard and the New River in Downtown Fort Lauderdale. The project involved inspecting the tunnel per the Federal Highway Administration's National Tunnel Inspection Standards (NTIS) and implementing structural, mechanical, and safety upgrades. CHA replaced tunnel lighting, introduced intelligent transportation systems between Broward Blvd and I-595, and integrated them with the Department's SunGuide software. Additionally, a tunnel roof extension was designed northward, establishing a landscaped plaza in partnership with the City of Fort Lauderdale. The initiative also included enhancements in roadway, drainage, signage, and community engagement.



Education

Instituto Superior Politecnico "Jose Antonio Echevarria" (CUJAE), Havana, Cuba., B.S. in Structural Engineering (1987)

Qualifications

Software: AutoCAD, SAP 2000, Mecawind, Enercalc, Safe

*Prior to joining CHA

Pablo Arteaga, EI

Structures

Pablo is a fulltime junior engineer with two year of experience as a structural engineer. While familiarizing himself with FDOT standards, design guidelines and design programs his experience focused on the design ancillary structures and prestressed concrete bridges. Since starting at CHA he has enhanced his skills in the design tools and software used for the analysis of structural components. Representative project experience includes:

Florida Department of Transportation - District 4, SR 817/University Drive (Riviera Boulevard to SR 824/Pembroke Road), Miami Gardens, FL, FPID No. 432066-8-52-01. Assistant project engineer for the pedestrian bridge south of Miramar Boulevard over South Broward Drainage District Canal 1 with a contract amount of \$1.5 million in the City of Miramar, Broward County, Florida. The project was part of a larger contract and included a 59-foot single-span prefabricated steel truss bridge over South Broward Drainage District Canal 1. The project provided access over the existing canal to residential communities east and west of University Drive via access ramps supported on the embankment. Given the tight right-of-way, elevator towers were not part of this project. Roadway widening is required along University Drive as part of the improvements. **Reference:** Leslie Wetherell, PE, (954) 777-4438. **Dates:** 09/2019 - Ongoing.

Florida Department of Transportation - District 4, SR 7/U.S. 441 at Lake Worth Road, Lake Worth, FL, FPID No. 445882-1-52-01. Assistant project structural project engineer for a resurfacing, restoration and rehabilitation (RRR) project along SR 7 from South of Lake Worth Road to Lake Worth Drive signalize intersection in Lake Worth, Florida. This project aims to mill and resurface within the project's limits and accommodate future projections of increased volumes of traffic traveling northbound right attempting to access Florida's Turnpike interchange. The design provides a dedicated right-turn lane by widening and converting the existing outside lane to a through lane to alleviate congestion on SR 7/U.S. 441 on the northbound approach. **Reference:** Ronald P. Wallace, PE: (954) 646-1197; Ronald.Wallace@dot.state.fl.us. **Dates:** 08/2022 - Ongoing.

Metromover comprehensive Wayside System Overhaul Project, Miami-Dade County DTPW, Miami-Dade County, FL. Assistant project engineer. The project consists of overhauling the entire control/communication system and partially the electrical and mechanical system for the Miami Metromover without interrupting its operation/revenue time. The new control/communication system CITYFLO 650 will be implemented, requiring the full update of the Operational Central Control for the system and the installation of new communication cabinets and antennas in all twenty-one of the passenger stations that conform to the system. In addition, all control equipment at the track level has been updated, structural cantilever platforms have been designed and installed to house antenna poles along the tracks, and all guideway switching equipment has been replaced.

Florida Department of Transportation - District 6, Traffic Operations Push Button Miscellaneous Structures. Assistant project engineer to improve pedestrian and traffic safety at multiple intersections by adding and modifying signals and signs to existing mast arm structures. Pablo conducts field inspections, analysis of the mast arms with the proposed sign and signal modifications, and designs report determining the structural adequacy. **Reference:** Natalie Rodriguez, PE (954) 200-8240. **Dates:** 05/2022-Ongoing.



Education

Florida International University, FL,
B.S. in Civil Engineering (2023)

Florida International University, FL,
A.A. in Art (2020)

Registration

Engineering Intern: FL No.
1100027910 (07/15/2024)

Levi Boyle, PE

Constructability Review/CEI Lead

Levi has over 13 years of experience as a CEI contractor and designer on major civil engineering projects. Levi worked at FDOT District 6 South Miami-Dade and Monroe Residency Operation Center for over three years. He recently served at FDOT District 1 as the project administrator and senior project engineer on the U.S. 27 milling, resurfacing and cross slope correction project from the Hendry County Line to old U.S. 27 and served FDOT District 6 as a project administrator for the milling and resurfacing, overbuild, signal upgrades, and signing and pavement markings along SR 916 from I-95 to SR 5/ Biscayne Blvd. Prior to this assignment he served as a SPE/ PA on a variety of different projects in both the urban and rural areas of Miami-Dade County as well as Monroe County. Levi is a graduate of the FDOT Construction Academy. Representative project experience includes:

Florida Department of Transportation - District 4, Bridge Painting of Bridges No. 860598, 860600, 860601, 860628 and 860638 at SR 9/I-95 and Park N Ride/Broward Boulevard and Bridge No. 860131 at SR 9/I-95 (SR 870 Commercial Boulevard WB on Ramp to SR 9/I-95). Broward County, FL. Contract No. E4V48. CEI senior project engineer responsible for the resident engineer duties on this contract. Levi also coordinates with the project administrator, contractor and the department for the administrative duties of containment construction, abrasive blasting activities, and coatings for steel and concrete structures. Levi reviews and coordinates lane and ramp closures at I-95 with the 95/I-595 Express Lanes – Phase 3C and Phase 3A-1 project teams. **Reference:** William Grey, PE, (954) 540-0062. **Dates:** 01/2023 - Ongoing.

Florida Department of Transportation - District 1, U.S. 27 (Hendry County Line to Old U.S. 27), Hendry County, FL. Project administrator for this roadway improvements project along U.S. 27 in Glades County from the Hendry County Line to Old U.S. 27. This project consists of milling up to 4.75-inch and resurfacing 4.2 miles of a 4 lane highway, with overbuild for cross slope corrections, high polymer structural asphalt, and high polymer FC-5. The project also includes widening for an auxiliary turn lane at Old U.S. 27, guardrail improvements, shoulder treatment, and signing and pavement markings. Levi is responsible for reviewing plans and plan revisions for constructability and providing comments, contract administration, monthly CPM schedule reviews, project coordination with stakeholders, and developing engineering solutions to field issues that arise. **Reference:** Stacy Hill (863) 471-4852. **Dates:** 09/2022 – 04/2023.

Miami-Dade County - Water and Sewer Department, FL, and Florida Department of Transportation - District 6, SR 916 Roadway & Bridge Improvement (I-95 to Biscayne Boulevard). Project administrator for roadway improvements and 36-inch watermain installation along SR 916 and involved milling and resurfacing along SR 916 from I-95 to SR 5/Biscayne Boulevard. The project also included but was not limited to Type SP overbuild of varying thickness, bridge rehabilitation, construction of new bus stops, curb ramps, medians, concrete



Education

Florida International University, FL, B.S. Civil Engineering, Cum Laude. Graduated (2017)

Registrations

Professional Engineer: FL No. 91258 (04/20/2021)
TIN No. B40052193

Qualifications and Certifications

CTQP Certifications:
 • Final Estimates Level I & II
 • QC Manager
 FDOT Advanced Maintenance of Traffic

**Prior to joining CHA*



islands, concrete pad and sidewalks, signalization including pedestrian signal heads and loop detectors, signing and pavement markings, lighting and drainage upgrades, maintenance of traffic, along with other relevant tasks required for the successful completion of the project. **Reference:** Marcel Osorio, (305) 812-6082. **Dates:** 11/2020 – 09/2022.

Levi Boyle, PE

Constructability Review/CEI Lead

Florida Department of Transportation - District 6, South Miami-Dade & Monroe Residency, FL, Resurfacing Project on US1 (Riviera Drive to SW 27 Avenue), Miami-Dade County, FL. Contract No. T6465. Project administrator and contract support specialist responsible for this RRR project on U.S. 1. The scope of work on this 6-lane divided principal arterial included milling and resurfacing 5,800 tons of asphalt at variable depths, installation of French drain and new drainage structures, signal improvements at six intersections, including retrofitting existing intersections with video detection, and lighting improvements throughout the project corridor. Levi's primary duties included reviewing plans and plan revisions, resolving field issues, performing maintenance of traffic and safety reviews, overseeing day-to-day activities, processing monthly estimates, reviewing RFI's and shop drawings, tracking all materials incorporated in the project in MAC, reviewing and approving the contractor's quality control plan, issuing weather letters, maintaining the CPPR, running progress meetings, monitoring UWS activities, and preparation of final estimates package. He also worked extensively with the community outreach specialist in coordination with the Miami-Dade County Commissioners Office, The City of Coral Gables Mayor and the City of Miami. **Reference:** George Hoffman, PE, George.Hoffman@dot.state.fl.us (305) 962-4923. **Dates:** 04/2020 - 11/2020.

Florida Department of Transportation - District 6, Resurfacing of SW 72nd Street (SW 87th Court to SW 84th Place), Miami, FL. Contract No. T6428. Project administrator/contract support specialist for this intersection improvement project, Levi reviewed all contract plans and maintenance of traffic, coordinated several utility relocations due to unforeseen conflicts, and led the milling and resurfacing, signal, lighting, widening and drainage inspections. Levi prepared all progress estimates and the final estimates package. **Reference:** FDOT Project Manager Jonathan Fundora, PE (305) 962-3653, Jonathan.Fundora@dot.state.fl.us. **Dates:** 01/2018 – 09/2018.

Florida Department of Transportation - District 6, Districtwide Traffic Operations Push Button. Contract No. E6K33. Project administrator for this districtwide push button contract used to address a broad scope of work throughout Miami-Dade and Monroe County. Levi successfully managed 12 task work orders on this project ranging from \$4,000 to \$150,000. Levi was responsible for reviewing the plans and providing comments to the EOR and the Traffic Ops office and coordinated closely with the community outreach specialist and the public. **Reference:** FDOT Project Manager Jonathan Fundora, PE, (305) 962-3653, Jonathan.Fundora@dot.state.fl.us. **Dates:** 07/2017 – 07/2019.



Alexander Milz, PE

Construction Engineer Inspection (CEI)

Alexander has over twelve years of significant experience in major civil engineering projects, primarily for FDOT Districts 6 and 4. His background includes extensive knowledge in bridge construction, heavy earthwork, asphalt and concrete pavement inspection, and landscaping. He is also excellently qualified in utility coordination, inspection, and coordination of signalization and lighting improvements with Miami Dade County and FDOT. Representative project experience includes:



Miami-Dade County Department of Transportation and Public Works, FL, SR 836 Express Bus Service and Park-and-Ride Bus Terminal Tamiami Station.

Inspector for providing construction engineering and inspection services (CEI) for the construction of the SR 836 Express Bus Service Tamiami Station Park and Ride/ Bus Terminal with Tamiami Station roadway improvements along SW 8th Street and SW 147th Avenue. The site development included clearing and grubbing over 8 acres of trees and vegetation on vacant land, sub-soil excavation and soil improvement of approximately 36,000 cubic yards of native muck material, and over 64,000 cubic yards of new embankment. It also included new structures such as a new driver's lounge, pedestrian walkway canopy, bicycle cage, bus canopy special structures, and a 30-inch gateway sign and monument sign. **Reference:** James Sumoski, PE (305) 310-4276, James.Sumoski@miamidade.gov. **Dates:** 02/2020 – 09/2021.

Miami-Dade County Department of Transportation and Public Works, FL, Park-and-Ride Lot at SW 112th Avenue and SW 204th Street Busway.

Inspector to rehabilitate the existing park-and-ride lot at SW 112 Avenue and SW 204 Street Busway to accommodate approximately 450 parking spaces. The work includes furnishing all supervision, labor, materials, equipment, tools, services, and incidentals necessary for milling, resurfacing of the park and ride, minor widening of the pavement, construction of new sidewalks, upgrades to existing pedestrian ramps and crosswalks, replacement of damaged curbs, signing and pavement markings associated with the new configuration of the lot, parking bumpers lighting upgrades, installation of passenger shelters and sodding in compliance with the latest Florida Department of Transportation standards. Additionally, the scope includes furnishing and installing five Level 2 electric vehicle charging stations, one single port and four dual-port charging stations incorporating lighting conductors, a load center, pull and splice boxes, prestressed concrete poles, post signs, bollards, and detectable warnings installation. **Reference:** Hossin Habibnejad, PE, (305) 375-3951 **Dates:** 11/2022 - Ongoing.

Florida Department of Transportation - District 6, I-395/SR 836/I-95 Design-Build.

Project administrator for the I-395/SR-836/I-95 project, which is a partnership between the FDOT and the Miami-Dade Expressway Authority (MDX), with construction limits on SR 836 beginning at NW 17 Avenue and continuing through the SR-836/I-395/I-95 (Midtown) Interchange to the MacArthur Causeway Bridge. The project reconstructs the existing I-395 facility and creates a signature bridge that will span 1,025 feet over NE 2 Avenue and SR5/Biscayne Boulevard, redefining the Miami skyline with its six sweeping arches. The project creates additional capacity on I-395 with three through lanes in each direction and provides separate connector ramps for traffic to and from I-95. Alexander oversees the SR 836 Viaduct Bridge construction and the I-95 concrete pavement replacement. **Reference:** Jacqueline D. Sequeira, PE (305) 640-7432 **Dates:** 06/2019 - Ongoing.



Cecilia Villoria, PE

Roadway/Signing & Pavement Markings Lead

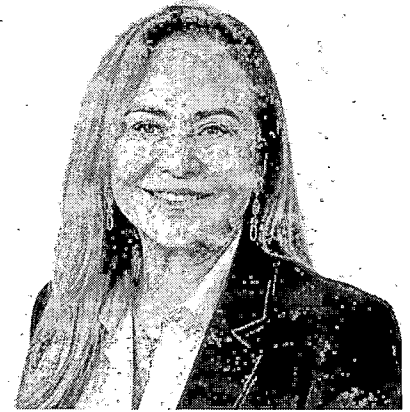
Over 32 years of design and project management experience. Fully conversed in all aspects of project management, scheduling, engineering design, including pavement marking, signage, signalization, drainage, maintenance of traffic (MOT), and specifications packages; preparation of project design reports; development of master plans; construction inspection services; feasibility studies, Safety Studies, bid preparation and management of construction engineering inspection (CEI) staff. Oversee engineering design projects for municipalities, the Florida Department of Transportation (FDOT), Broward County Aviation Department, and Florida's Turnpike Enterprise (FTE). Project experience ranges from minor roadway improvement projects to complex highway design. Representative project experience includes:

Florida Department of Transportation- District 4, SR 5/US 1 from SR 870/ Commercial Boulevard to SE 7th Street, FDOT D4, Fort Lauderdale, FL; FPID 446188-1*. Project manager responsible for the project management, coordination with Design Team, and preparation of construction documents. This project includes roadway design, signing and pavement marking, and signalization for a 2.5-mile resurfacing design project on US 1/SR 5, from Commercial Boulevard/SR 870 to SE 7th Street. Additional services provided include miscellaneous structures, minor bridge design, signing and pavement marking, lighting, survey, geotechnical, and landscape services. In addition, ADA upgrades, lighting retrofits at signalized intersections, and roadway signage will be improved throughout the corridor.

Reference: Helen James, PE. **Dates:** 2021 - 2024.

Florida Department of Transportation- District 4, SR 824 Pembroke Road from E of SW 62nd Ave to SW 31st Ave, FL.* Project manager for this RRR project which included milling and resurfacing of SR 824 Pembroke Road from E of SW 62nd Ave to SW 31st Ave (FPID 448400-1), signing and pavement marking, signalization, lighting, survey, geotechnical, and landscape services. In addition, ADA upgrades and lighting retrofits at signalized intersections will be improved throughout the corridor. **Reference:** Eric Le, PE (954) 777-4552 **Dates:** 1/2022 - 10/2024

Florida Department of Transportation- District 4, Washington Street & 72nd Avenue Mobility Improvements, FL.* Deputy project manager responsible for the project management, coordination with Design Team, and preparation of construction documents. This project included the addition of bicycle lanes and pedestrian improvements to Washington Street and 72 Avenue (FPID 431770-1). Provided full services to the Client including roadway, drainage, signing, and pavement marking, ADA compliance, landscape design, survey, subsurface utility engineering, utility coordination, geotechnical engineering, and public involvement. This is a Broward County Metropolitan Planning Organization (MPO) funded project while FDOT District 4 is the client and project facilitator. The team's experience coordinating with multiple agencies and stakeholders were key factors in the successful completion of this community project. **Reference:** Henry Oaikhena, PE (954) 777-4445 **Dates:** 12/2020 - 12/2022.



Education

Florida International University, FL,
B.S. in Civil Engineering (1993)

University of South Florida, FL; B.S.
in Biology (1989)

Registration

Professional Engineer: FL No.
62866 (05/31/2005)

Qualifications and Certifications

FDOT Advanced Maintenance of
Traffic Specifications Package

Memberships and Affiliations

FELI Class of 2024
ASHE South Florida Secretary
FES Member
WTS Member

*Prior to joining CHA

Cecilia Villoria, PE
 Roadway/Signing & Pavement
 Markings Lead

Florida Department of Transportation- District 4, I-95/SR 91 and Palmetto Park Road Interchange, Boca Raton, FL; FPID 433109-7*. TTCP EOR responsible for the development of TTCP plans for the I-95/SR 9 and Palmetto Park Road interchange is located within the City of Boca Raton in Palm Beach County. The interchange serves as a major gateway into the city, providing high-visibility roadside landscape opportunities. The interchange contains four main quadrants with landscape opportunities along embankments and within the in-fields on both sides of the interstate. Selective clearing and grubbing of invasive species to showcase large stands of existing, mature live oaks, strangler figs, and sabal palms have been preserved and integrated into the landscape design to demonstrate the aesthetic and environmental benefits of preserving existing vegetation. The preserved vegetation has been supplemented with a combination of drought tolerant palms and Florida native species to create a cohesive design that blends into the surrounding landscape while accenting the high visibility areas of the gateway.

Reference: Vanita Saini, PE. **Dates:** 2019 - 2022.

Florida Department of Transportation- District 4, SR 811/Dixie Highway from SR 834/Sample Road to SR 810/Hillsboro Boulevard, Deerfield Beach, FL; FPID 448174-1-32-01*. Deputy project manager responsible for the project management, coordination with Design Team, and preparation of construction documents for this RRR project on SR 811/Dixie Highway from SR 834/Sample Road to SR 810/Hillsboro Boulevard. The corridor is an urban minor arterial with C3C, suburban commercial context classification. The project improvements include midblock crossings, survey, geotechnical, milling and resurfacing, ADA upgrades, new sidewalk on the east side of the corridor, signing and pavement marking, signalization upgrades, lighting, and landscape architecture services. Worked closely with the City of Deerfield Beach and FEC to design a sidewalk on the east side of the corridor to promote safety and connectivity for transit systems. **Reference:** Leslie Wetherell, PE. **Dates:** 2022 - 2024.

Florida Department of Transportation- District 4, SR-9/I-95 at SR-848/ Stirling Road Interim Improvements, Broward County; FPID 439170-2-52-01*. Project Manager/Roadway EOR for SR-9/I-95 at SR-848/Stirling Road Interchange Interim Improvements. This project includes capacity improvements at the I-95 / SR-9 SB off-ramp from the intersection of SR-848 to approximately 1,120 feet (0.212 miles) (#86070023) north of such intersection along the ramp. In addition, this project also includes capacity improvements for the I-95 / SR-9 NB on-ramp from the intersection with SR-848 to approximately 400 (0.076 miles) (# 86070025) feet north of the intersection running along the ramp. I-95 / SR-9 ramps within the project limits are one lane ramps that provide access to the mainline I-95 /SR-9 which in turn is an Interstate-Freeway with Limited Access. **Reference:** Anson Sonnett, PE.

Ena Gonzalez, PE

Roadway/Signing & Pavement Markings

Ena is a professional engineer with 20 years of experience in Transportation Engineering. She has a solid background in the design/management phase services related to transportation projects with experience in highway/roadway design, horizontal/vertical alignment, storm water management, drainage, maintenance of traffic, signing and pavement markings, signalization, construction estimates, preparing Design Exceptions/Variations, Specs, and Pavement Design Selection Reports. Representative project experience includes:

Florida Department of Transportation - District 4, SR 5/US 1 from SR 870/ Commercial Boulevard to SE 7th Street, Fort Lauderdale, FL. FPID: 446188-1*

Chief project engineer in charge of roadway design. This project includes roadway design, signing and pavement marking, and signalization for a 2.5-mile resurfacing design project on US 1/SR 5 from Commercial Boulevard/SR 870 to SE 7th Street. This C4 urban general mix includes miscellaneous structures, minor bridge design, signing and pavement marking, lighting, survey, geotechnical, and landscape services. In addition, ADA upgrades, lighting retrofits at signalized intersections, and roadway signage will be improved throughout the corridor. This project included completing a 3R and target speed analysis reports, which the department approved. The design and target speed are 45 mph, with a posted speed of 45 mph.

Florida Department of Transportation - District 4, SR 811/Dixie Highway from SR 834/Sample Road to SR 810/Hillsboro Boulevard, Deerfield Beach, FL*

Chief project engineer in charge of roadway design. This FDOT District 4 project is on SR 811/Dixie Highway from SR 834/Sample Road to SR 810/Hillsboro Boulevard (FPID 448174-1-32-01). The corridor is an urban minor arterial with C3C, suburban commercial context classification. The project improvements include midblock crossings, survey, geotechnical, milling and resurfacing, ADA upgrades, new sidewalk on the east side of the corridor, signing and pavement marking, signalization upgrades, lighting, and landscape architecture services. This project includes working closely with the City of Deerfield Beach and FEC to design a sidewalk on the east side of the corridor to promote safety and connectivity for transit systems.

City of Plantation, Cypress Road from 74th Ave to East Acre Road, City of Plantation, FL*

Project manager for this project, which included signalization upgrades at Cypress Road and NW 70th Ave intersection, milling, and resurfacing of NW 70th Ave from Cypress Road to West Broward Blvd, ADA/curb ramp, and lighting upgrades at this intersection. Additionally, the project involved designing a roundabout at the intersection of Cypress Road and NW 69th Ave to eliminate the 4-way stop condition, ADA/curb ramp, and lighting upgrades at this intersection, milling, and resurfacing of NW 69th Avenue from Cypress Road to West Broward Boulevard. We conducted a midblock traffic assessment study along 69th Avenue, between Cypress Road and Broward Boulevard. Drainage improvements were made to address flooding along Cypress Road, from east of Holloway Canal to East Acre Road, including milling and resurfacing the road. Furthermore, we added a sidewalk along the north side of Cypress Road from west of the Holloway Canal Bridge to Figg Road. Finally, the project included corridor-wide signing and pavement markings, which featured sharrows (shared lane markings).



Education

Florida International University, FL,
B.S., Civil Engineering (2004)

Registration

Professional Engineer: FL No.
72358 (01/29/2011)

**Qualifications and
Certifications**

Florida Advanced Work Zone
Traffic Control

*Prior to joining CHA



Victor Venezia, PE

Roadway/Signing & Pavement Markings

Victor has over six years of roadway, drainage, signing and pavement marking, and signalization design through computer-aided design & drafting (CADD). Victor has worked on several FDOT and municipal projects throughout southern Florida. The projects include urban and rural new construction/reconstruction and widening of roadways, resurfacing, restoration, and rehabilitation (RRR) projects, bicycle and pedestrian mobility ADA compliance projects, and civil site projects. Victor is familiar with the composition of roadways, signing and pavement marking, and signalization component plan sets utilizing OpenRoads Designer; formulating alternative engineering solutions based on FDOT design manual and FDOT standard plans. Representative project experience includes:

Florida Department of Transportation - District 4, SR 607/Emerson Avenue (North of SR 614/Indrio Road to South of 25th Street), St. Lucie County, FL, FPID No. 447651-1-52-01. Civil engineer for a resurfacing, restoration, and rehabilitation (RRR) project along SR 607/Emerson Avenue in St. Lucie County. The project's scope includes milling and resurfacing the travel lanes and turn lanes throughout the entire length of the project, widening the existing shoulders to 7 feet, and constructing missing sidewalks (8 feet to 12 feet), curb ramps, and detectable warnings northbound from Hibiscus Road to North Boulevard. Adjacent areas are to be regraded and sodded—incidental drainage improvements due to shoulder widening and sidewalk construction. The design provided a safe and effective temporary traffic control certification (TTCP) to move vehicular and pedestrian traffic during all construction phases. **Dates:** 07/2022 - Ongoing.

Florida Department of Transportation - District 4, Northlake Boulevard (Old Dixie Highway to 10th Street). Palm Beach County, FL, FPID 454440-1-52-01. Project Engineer. The main purpose of this project was to provide signal improvements of train pre-emption measures at the FEC railroad crossing #272386A with Northlake Blvd including timing modifications, addition of sensors, and installation of a hybrid pre-signal/queue cutter system. The project scope also includes ADA upgrades, milling and resurfacing, sidewalk reconstruction, and signing and pavement marking. Responsibilities included roadway and signing and pavement marking design, preparing pavement design, QA/QC, and production of construction and supporting design documents. **Dates:** 07/2024 - Ongoing.

City of Miami, FL West Grapeland Traffic Calming Devices. Project Engineer. Provided design services for the City of Miami DRPW to install a raised intersection at NW 39th Court and NW 9th Street, as well as speed cushions between NW 9th Street and NW 7th Street at NW 41st Avenue, NW 40th Avenue, and NW 39th Court. The project scope included milling and resurfacing, reconstruction, signing and pavement markings improvements, and drainage enhancements. Responsibilities included roadway, grading, and signing and pavement marking design, production of construction documents, cost estimates, field visits, and client coordination. **Dates:** 09/2024 - Ongoing.



Education

Florida International University, FL,
B.S. Civil Engineering (2019)

Registration

Professional Engineer: FL No.
97089 (09/05/2023)

Certifications and Qualifications

Advanced MOT Certification

Software: MicroStation, GeoPak,
OpenRoads, GuideSIGN,

AutoTURN, AutoCAD Civil 3D, MS
Office Applications

Knowledge of FDOT Design

Manual, Design Standards, Florida
Greenbook, and AASHTO Manual

Bilingual in English and Spanish

*Prior to joining CHA

Kevin Hernandez

Roadway/Signing & Pavement Markings

Kevin has four years of experience in roadway, drainage, signing and pavement marking, lighting, and signalization design through computer-aided design and drafting (CADD). Kevin has worked on several Florida Department of Transportation (FDOT) and municipal projects providing a variety of tasks, including assisting the design engineer in the composition of the roadway, signing and pavement marking, lighting and signalization component plan sets utilizing OpenRoads Designer; formulating alternative engineering solutions based on FDOT Design Manual and FDOT Standard Plans; and preparing detailed design variation memorandums. Kevin is proficient in various specialized software for design, including Bentley platforms, OpenRoads Designer, Microstation (GEOPAK), and AutoCAD. Representative project experience includes:

Florida Department of Transportation - District 4, SR 794/Yamato Road (East of SR 9/I-95 to SR 5/U.S.-1/Federal Highway), FPID No. 447657-1-52-01. Civil engineer for this RRR project, whose goal was to preserve and extend the service life of the roadway by milling and resurfacing the existing flexible asphalt pavement. Improvements included upgrading non-compliant ADA curb ramps, a safe and effective TTCP, utility coordination to produce utility adjustment sheets, and developing a sidewalk deficiency report. Kevin was responsible for the roadway design and preparing the target speed memo. **Dates:** 01/20/2022 - Ongoing.

Florida Department of Transportation - District 4, SR 811/Dixie Highway (Sample Road to Hillsboro Boulevard), FPID No. 448174-1-52-01. Civil engineer responsible for upgrading S&P markings to the latest standards, addressing pedestrian refuge midblock crossings for transit stops, implementing dynamic envelopes at railroad crossings, and installing high-emphasis markings at signalized intersections. Kevin was responsible for addressing the above in preparing the signing and pavement marking plans per FDOT Standards. He also conducted field visits to check for vertical clearance of overhead signs and took sign inventory. **Dates:** 01/05/2022 - Ongoing

Florida Department of Transportation - District 4, Riverland Road (SW 27th Avenue (U.S.-441/SR 7 to Broward Boulevard/SR 842). Civil engineer assisting the engineer-of-record for the design variation of the lateral offset for this project. Tasks included creating a tree disposition chart, creating plan sheets depicting substandard tree locations, reviewing the latest five-year crash history report, and implementing comments to the design variation memorandum. A portion of the transportation Investment Generating Economic Recovery (TIGER) grant was awarded to the Broward Metropolitan Planning Organization with federal oversight for five corridors, including this project.

Florida Department of Transportation - District 4, SR 7/U.S.-441 NW 16th Street, NW 19th Street & NW 26th Street, FPID No. 429576-7-52-01. Civil engineer for this off-state highway system that runs east-west through the City of



Education

Florida International University, FL
B.S. in Civil Engineering (2021)

Angela Baron-Ruiz, PE, ENV SP

Drainage, Permitting/Compliance & Sustainability Lead

Angela has over 17 years of experience in civil engineering and project/program management. She is experienced in analyzing and designing grading and drainage systems for residential, municipal, and commercial projects, as well as stormwater management systems for major right-of-way and highway improvements using FDOT, county, and municipal standards. She is proficient in the hydraulic modeling of stormwater management systems using HEC-RAS, ICPR, HY-8, ASAD, and BMPTrains, and is skilled in the application of ArcGIS for watershed analysis and the design of drainage systems. Angela is also experienced in procuring permits and permit close-outs from municipalities, local counties, FDOT, SFWMD, and state and federal agencies. She is also a Certified Envision Sustainability Professional (ENV SP) from the Institute of Sustainable Infrastructure. Representative project experience includes:

City of Fort Lauderdale, FL, Las Olas Boulevard, 20-inch Water Main and 16-inch HDPE Force Main. Project engineer for this design-build project to design, acquire permits, and provide construction inspection of a water main and force main crossing the Intracoastal Waterway (ICW) in the area East of Las Olas Boulevard. Improvements included 1,220 linear feet of 20-inch nominal diameter water main crossing of the ICW using high-density polyethylene pipe installed via HDD, 1,220 linear feet of 16-inch nominal diameter force main crossing of the ICW utilizing high-density polyethylene pipe installed via HDD, cut and capping of the existing 16-inch water main on the north side of Las Olas Boulevard Bridge at both sides of the ICW, and connecting all proposed piping to the existing piping on-shore utilizing a 16-inch PVC pressure pipe meeting AWWA C905 standard. **Reference:** Jorge Holguin, (954) 828-5675. **Dates:** 2016 - 07/2017.

Florida Department of Transportation - District 4, Tiger Complete Streets Initiative Design-Build Project. Drainage engineer for this off-system and on-system Broward County MPO mobility contract to add bicycle lanes using minor widening and lane elimination or "road diets." CHA was responsible for the design of Dr. Martin Luther King Jr. Boulevard, NW 31st Avenue, and Riverland Road. **Reference:** Thuc Le, PE, (954) 777-4552. **Dates:** 01/2020 - 05/2023. **Overall Length:** 11.41 miles.

Florida Department of Transportation - District 4, SR 817/University Drive (Riviera Boulevard to SR 824/Pembroke Road), FPID No. 432066-8-52-01. Senior drainage engineer assisting with this Broward County Metropolitan Planning Organization mobility project along SR 817/University Drive from Riviera Boulevard to SR 824/Pembroke Road. Improvements included milling and resurfacing to include bicycle lanes, drainage improvements (due to widening); providing sidewalk improvements as necessary to comply with ADA; a new pedestrian bridge; upgrading signing and pavement markings; retrofitting lighting at the signalized intersections; relocating trees; and modifying signals within the limits of the project. The project required extensive coordination with Broward County, the City



Education

Florida International University, FL,
B.S. in Civil Engineering (2008)

Registrations

Professional Engineer- FL No.
76984 (01/17/2014)

Envision Sustainability
Professional: No. 50592 (2022)

Memberships and Affiliations

American Society of Civil
Engineers

Florida Engineering Society

FIU Dean's List

Chi Epsilon

Tau Beta Pi

of Oakland Park, Broward County MPO, and stakeholders. **Reference:** Alexander Estrada, PE, (954)-777-4319. **Dates:** 01/2020 - Ongoing. **Project Length:** 1.4 miles.

Florida Department of Transportation - District 4, Prospect Road (SR 870/ Commercial Boulevard to SR 811/North Dixie Highway), FPID No. 435925-1-52-01. Senior drainage engineer assisting with this off-system Broward County MPO mobility project to add bicycle lanes using minor widening and lane elimination or "road diets." Improvements included milling and resurfacing to include bicycle lanes, drainage improvements (due to widening); providing sidewalk improvements as necessary to comply with ADA; upgrading signing and pavement markings; retrofitting lighting at the signalized intersection of Powerline Road; relocating trees; and modifying signals within the limits of the project. This project requires approval from Broward County for lane elimination from six-lane to four-lane from Powerline Road to South Dixie Highway. The project required extensive coordination with Broward County, the City of Oakland Park, Broward MPO, and stakeholders. **Reference:** James Hughes, PE, (954) 777-4419. **Dates:** 07/2018 - 08/2019.

Florida Department of Transportation - District 4, SR 7/U.S. 441 NW 16th Street, NW 19th Street and NW 26th Street (NW 49th Avenue to SR 7), FPID No. 449576-7-52-01. Project drainage engineer assisting with this Broward County Metropolitan Planning Organization (MPO) mobility priority project consisting of improvements on NW 16th Street, NW 19th Street and NW 26th Street (NW 49th Avenue to SR 7). The proposed project includes the construction of a 5-foot sidewalk, ADA improvements, 5-foot to 6-foot bike lanes, swale regrading and drainage improvements. Angela is responsible for designing the three corridors' stormwater management systems and the permits' procurement. **Reference:** Robert Lopes, PE, (954) 777-4425. **Dates:** 03/2022 - Ongoing. **Project Length:** 0.76 miles.

Florida Department of Transportation - District 4, SR 834/Sample Road at Military Trail. Senior drainage engineer for the Strategic Intermodal System (SIS) intersection improvement project to improve capacity. The improvements included roadway widening to accommodate a southbound right turn lane along Military Trail, milling and resurfacing, drainage, signing and pavement markings, and signalization. A bus bay was added in the eastbound direction along Sample Road. Since improvements were done within the City of Pompano Beach, a Highway Memorandum of Maintenance Agreement, an Off-System Agreement, and a Local Right-of-Way Certification was prepared and executed with the city. **Reference:** Robert Lopes, PE, (954) 777-4425. **Dates:** 03/2014 - 05/2015.

City of Miami Gardens, FL, NE 202nd Terrace Improvements. Project manager for the design of parking, grading and drainage improvements along NE 202nd Terrace, including restoring the existing pavement via milling and resurfacing, roadway widening to provide on-street parking, a proposed curb and gutter design, and sidewalk replacement/widening for improved pedestrian safety. The design effort also includes regrading the existing sod for improved storm runoff conveyance and a proposed drainage system that supplements the existing drainage system by providing superior roadway drainage while providing necessary water quality treatment and attenuation. **Reference:** Bernard Buxton-Tetteh, (786) 279-1270. **Dates:** 12/2021 - Ongoing.

Angela Baron-Ruiz, PE,
 ENV SP
 Drainage, Permitting/Compliance &
 Sustainability Lead

Rocio Trimino-Gort, PE

Drainage

Rocio has over five years of experience designing stormwater management systems. Rocio is also involved in the plan review related to stormwater management systems using the applicable FDOT, Miami-Dade County, and Broward County standards. The projects she is involved with range from simple to complex systems comprising more than 50 drainage structures. Her experience also includes preparing cross-sections and profiles. She is proficient in the use of MicroStation, AutoCAD. Representative project experience includes:

Florida Department of Transportation - District 4, SR 817/University Drive (Riviera Boulevard to SR 824/Pembroke Road), Broward County, FL. Junior drainage engineer for this milling and resurfacing project. Improvements included bicycle lanes, drainage improvements (due to widening), sidewalk improvements as necessary to comply with ADA, a new pedestrian bridge crossing South Broward Drainage District Canal No. 1, signing and pavement markings, retrofitting lighting at the signalized intersections, relocating trees, and modifying signals within the limits of the project. The project required extensive coordination with Broward County, the City of Miramar, Broward MPO, and stakeholders. **Dates:** 09/2019 - 01/2022.

Florida Department of Transportation - District 4, SR 817/University Drive, Broward County, FL. Junior project engineer for this Broward County Metropolitan Planning Organization (MPO) Mobility project along SR 817/University Drive from Riviera Boulevard to SR 824/Pembroke Road. Improvements included milling and resurfacing to include bicycle lanes, drainage improvements (due to widening), providing sidewalk improvements as necessary to comply with ADA, a new pedestrian bridge crossing South Broward Drainage District (SBDD) Canal No. 1, upgrading signing and pavement markings, retrofitting lighting at the signalized intersections relocating trees and modifying signals within the limits of the project. The project requires extensive coordination with Broward County, the City of Miramar Broward MPO, and stakeholders. **Reference:** Alexander Estrada, PE (954)-777-4319. **Dates:** 1/2020 - 7/2021.

Florida Department of Transportation - District 4, Tiger Complete Streets Initiative Design-Build Project, Broward County, FL. Junior drainage engineer assigned to this off-system and on-system Broward County MPO mobility contract to add bicycle lanes using minor widening and lane elimination or "road diets." CHA was responsible for the design of Dr. Martin Luther King Jr. Boulevard, NW 31st Avenue, and Riverland Road. **Reference:** Thuc Le, PE (954) 777-4552. **Dates:** 1/2020 - 2022.

City of Miami Gardens, FL, Marco Canal Culvert Headwall Replacement and Embankment Stabilization. Project engineer for improvements associated with the culvert crossing in Marco Canal at NW 20th Avenue, NW 19th Avenue, NW 18th Avenue, NW 171st Street, and NW 17th Avenue. Improvements include replacing the existing headwalls installing slope stabilization measures on the canal banks due to severe erosion, and rehabilitation 15 culverts consisting of CIPP lining installation. This project also includes sidewalk replacement and stormwater inlets and outfall pipes replacement. Rocio assisted in the overall design, including the hydraulic modeling of the canal, providing coordination with permitting agencies and permit procurement. **Reference:** Bernard Suxton-Tetteh (756) 279-1270. **Dates:** 5/2020 - Ongoing.



Education

Florida International University, FL,
B.S. in Environmental Engineering
(2020)

Registration

Professional Engineer: FL No.
99707 (10/08/2024)



Francisco Vasquez, MS, PE

Drainage

Francisco has over 16 years of experience in civil engineering. He is experienced in drainage design, hydraulic modeling, and stormwater management. He has been instrumental in numerous high-profile projects, conducting critical tests and analyses. His proficiency in hydraulic modeling tools like ICPR and FLO-2D has been demonstrated in projects for Miami Dade County, the South Florida Water Management District, and the City of Scottsdale. His work involved complex hydrological and hydraulic studies, flood control analysis, and the development of master plans. Francisco is strongly committed to sustainable engineering practices and continues to contribute his expertise to the industry. Representative project experience includes:

City of Haines City, FL, Lake Eva Recharge Feasibility Study. Project engineer for the study to select potential RIB sites that will recharge the Floridan Aquifer and assist in raising the water level in Lake Eva. The project is co-funded by the Southwest Florida Water Management District (SWFWMD). The project was performed in two phases, and upon completion of both phases, the study identified potential RIB sites, estimated the benefits to the water levels in Lake Eva MFL for each site, established water quality requirements for the reclaimed water, determined the required treatment and reclaimed water distribution system modifications and associated costs, and ranked and recommended candidate sites for construction of the RIB system. **Dates:** 01/2023 - Ongoing.

City of Miami, FL, Miami River Greenway to Curtis Park East (NW N River Drive from NW 24th Avenue to NW 22nd Avenue). Project engineer for this Local Agency Program (LAP) project managed by FDOT District 6. This project's primary goals include improving the existing roadway: reconstruction and realignment of NW North River Drive and installing a greenway path on the south side of NW North River Drive. The scope also includes reconstructing NW 24th Avenue, sidewalk, and greenway construction, including reconstruction of existing sidewalks and the Miami Riverwalk Path as part of the Miami River Greenway. Francisco is providing design support. **Dates:** 03/2020 - Ongoing

Florida Department of Transportation - District 6, SR 25/Okeechobee Road Roadway Reconstruction (East of NW 116th Way to East of NW 87th Avenue). Project engineer assisting with the design and reconstruction of SR 25/Okeechobee Road (east of NW 116th Way, including flyovers from NB/SB NW 87th Avenue to WB/EB Okeechobee Road), and constructing NW 87th Avenue, Frontage Road, NW South River Drive, NW 103rd Street and NW 106th Street. Francisco was responsible for assisting with the drainage design of the southern portion of the project, hydraulic analysis for all canals, preparing bridge hydraulic reports and stormwater management reports, and permit coordination. **Dates:** 05/2016 - Ongoing. **Reference:** Bao-Ying Wang, PE, (305) 470-5211. **Design Cost:** \$9.22 million. **Construction Cost:** \$103 million.

Florida Department of Transportation - District 6 and Miami-Dade Expressway Authority (MDX), I-395 Signature Bridge*. Project engineer responsible for conducting Drop Hammer tests and preparing reports for various piles at the Signature Bridge Temporary Tower and SR836. Francisco's tasks included testing piles at multiple piers and ensuring the integrity and stability of the structures. **Dates:** 01/2024 - 04/2024.



Education

Universidad of the Andes, Venezuela, M.S. Hydraulic Resources Planning (2019)

Universidad of the Zulia, Venezuela, B.S. Civil Engineering (2007)

Registration

Professional Engineer: FL No. 100657 (02/20/2025)

*Prior to joining CHA



Arnelio Alfonso, PE

Water Resources Lead

Arnelio has over 38 years of experience designing sanitary sewer collection and water distribution systems. He has led CHA teams designing major water and sewer systems for the Miami-Dade Water and Sewer Department (M-D WASH) and several other municipalities, including water main distribution systems, gravity sewer systems, reclaimed water mains, as well as pump stations and force mains. Arnelio has been involved in every aspect of the design of M-D WASH facilities and has an intimate knowledge of the entire process, including design, permitting, and construction. Among his most relevant projects include the horizontal directional drilling (HDD) installation of a 54-inch OD HDPE force main in Fort Lauderdale, HDD installation of 42-inch HDPE force main along N. Miami Avenue, and HDD installation of 36-inch HDPE water main along NW 135th Street. Representative project experience includes:

City of Fort Lauderdale, FL, Las Olas Boulevard 20-inch Watermain and 16-inch Force Main. Project manager responsible for providing design-build services for the design, permitting, and construction inspection of a water main and force main crossing the Intracoastal Waterway (ICW) in the East Las Olas Boulevard area. The project included designing, permitting, construction, startup, and testing of:

- 1,220 linear feet of 20-inch nominal diameter water main crossing of the ICW using high-density polyethylene pipe installed via HDD
- 1,220 linear feet of 16-inch nominal diameter force main crossing of the ICW utilizing high-density polyethylene pipe installed via HDD
- Cut and cap the existing 16-inch water main on the north side of Las Olas Boulevard Bridge at both sides of the ICW
- Connect all proposed piping to the existing piping on-shore using a 16-inch PVC pressure pipe meeting AWWA C905 standard

Reference: Jorge Holguin, (954) 828-8000

City of Fort Lauderdale, FL, New Redundant 54-inch Bypass Line Design-Build. Project manager for the rehabilitation and replacement of approximately 15,200 feet of 54-inch HDPE force main. The project included 9,700 feet of pipe installation using the innovative horizontal directional drill (HDD) technology to cross underneath essential city streets and rivers. The project also provided interconnections to existing pump stations and force mains currently connected to the existing and aging pipe. **Contractor:** D. Mancini and Sons

Florida Department of Transportation - District 4, Broward MPO-Mobility Project-Phase I RFP Development. Drainage project engineer for a pilot design-build "Broward Mobility" along 48 off-system roadway segments north and south of SR 842/Broward Boulevard within the following municipalities in Broward County: Town of Davie, and the cities of Fort Lauderdale, Plantation, Lauderhill, Tamarac, Oakland Park, Lauderdale Lakes, Hollywood, Deerfield Beach, Pembroke Pines, and



Education

IPSJAE, Havana, Cuba, B.S. in Civil Engineering (1985)
 University of Madrid, Spain, Hydrology Coursework (1988)

Registration

Professional Engineer, FL No. 52566 (02/17/1998)



Arnelio Alfonso, PE
 Water Resources Lead

Pompano Beach. The project included constructing concrete sidewalks, ADA curb ramps, milling and resurfacing, minor widening to accommodate bicycle lanes, incidental drainage, and tree removal. This project required extensive coordination with each municipality and Broward County Public Works Department to sign off on all design documentation, including conceptual plans, typical sections, pavement design packages, local government right-of-way certifications, and a Highway Maintenance Memorandum of Agreement. A term sheet for each roadway segment was developed, indicating lane closure, work hours, and noise restrictions provided by each municipality. CHA coordinated extensively with the Broward MPO and FDOT to fine-tune the scope. Several updates to the long-range estimates were performed to establish the construction budget for each roadway segment and the overall project. **Reference:** Jeffrey Robbert, PE (954) 777-4346. **Dates:** 2013 - 2014.

Florida Department of Transportation - District 4, Design-Build Tiger Grant.

Drainage project engineer for this Tiger-Grant-funded project that incorporated bicycle lanes/shared-use paths in Broward County, FL. These corridors are on and off the state highway system. As the Bonnevillie Metropolitan Planning Organization (BMPO) and municipalities were the principal entities in charge of obtaining the Tiger Grant funding, the project required intense coordination with these parties. CHA used multiple tactics in implementing bicycle lanes, including lane diets, lane width reductions, and minor widening. We also addressed drainage adjustments when the design required roadway widening. The curb ramp designs were reviewed to confirm ADA requirements. The project also included incorporating LFAs for landscaping, hardscaping, and decorative lighting. **Reference:** Thuc Le, PE (954) 777-4552.

Dates: 2020 - 2022

Miami-Dade County Water and Sewer Department, FL, Basis of Design Report For Replacement/Rehabilitation of Turnberry Island Water Distribution System.

Project engineer for the study and design to replace an aging and corroded water distribution system that included approximately 6,675 feet of water main with diameters ranging from 4 to 16 inches. The design report highlighted existing conditions of the system determined after several field visits and a study of all possible solutions from complete open-cut R&R of the pipeline using compression fit lining to verify minimal disturbance to above-ground activities. Due to corrosive soils, CHA determined that it would be beneficial to consider different pipeline materials, such as PVC and HDPE. The design of the entire water distribution system on the island, including replacing all existing water meters, fire hydrants, and backflow preventers, was completed. **Reference:** Eduardo Luis (786) 552-8837

Miami-Dade Water and Sewer Department, FL, Proposed 54-Inch Water Transmission Main along NW 57th Avenue.

Project manager responsible for installing 8,900 linear feet of a proposed 54-inch water main along SR 823/NW 57th Avenue, from W 53rd Street to W 84th Street. The project included installing a sub-aqueous crossing, installing 54-in Butterfly valves at the locations indicated in the plans, installing access manholes per WASD Standards on each side of the proposed Butterfly valves, installing blow-off assemblies per WASD Standards upstream of the Butterfly valves, and installing stub-out for future connections as required by WASD.

Reference: Carlos Benavides (786) 268-5285



Julian Gomez, PE

Water Resources

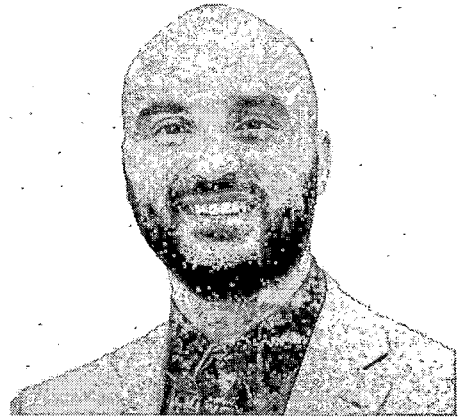
Julian has over nine years of experience designing and modeling pipeline and pump stations, from sanitary sewer collection to water distribution systems. Julian has been designing major water and sewer systems for several municipalities, including international ones. These systems include large-diameter water and force mains, gravity sewers, and pump stations. He has experience modeling and analyzing hydraulic transients and steady-state conditions in pipeline and pump stations, as well as the capacity to produce 3D models and renderings of these systems. He has also prepared specifications and an Engineer's Opinion of Probable Cost for large and small-diameter pipeline and pump station projects. He is proficient in using AutoCAD, Solidworks, and Onshape for drafting and modeling, in addition to Microsoft Office programs such as Word, Excel, and PowerPoint for preparing professional reports and presentations. Representative project experience includes:

City of Fort Lauderdale, FL, Design-Build for The Installation of New Redundant 54-Inch Bypass Line. Project manager responsible for the replacement/ rehabilitation of approximately 15,200 linear feet of 54-inch HDPE force main. The project included approximately 9,700 linear feet of pipe installation using the innovative horizontal directional drill technology to cross underneath essential city streets and rivers. The project also provided interconnections to existing pump stations and force mains currently connected to the existing and aging pipe.

City of Miami Gardens, FL, Marco Canal Culvert Headwall Replacement and Embankment Stabilization. Project engineer for replacing 10 culvert headwalls in Marco Canal located in the City of Miami Gardens. The project also encompassed the embankment stabilization of more than 1,400 linear feet of ground material and the desilting of 874 linear feet of pipe. **Reference:** Bernard Buxton-Tetteh 786-279-1270. **Dates:** 05/2020 - Ongoing.

Miami Dade Water and Sewer Department (MD WASD), 48-Inch Diameter Water Transmission Main for "Area N". Project engineer for approximately 31,670 linear feet (6 miles) of 48-inch PCCP water main along SW 117 Avenue (SW 152 Street to Snapper Creek Drive, including two canal crossings (C-100) and Snapper Creek Canal). The project also included installing approximately 6,660 linear feet of 16-inch ductile iron force main along SW 117 Avenue (SW 108 Street to SW 88 Street).

Miami Dade Water and Sewer Department, FL, NW 7th Ave. Wastewater Collection System Expansion (Sub-Basins D2-D2 and D2-D3). Project engineer for the design of approximately 16,600 linear feet of 8-inch PVC gravity sewer and 6,050 linear feet of 8-inch ductile iron pipe force main across two sub-basins, complete with a total of 73 manholes, and all necessary valves and accessories for connections to future pump stations. The team developed detailed maintenance of traffic plans for construction in conjunction with specifications for the completion of the gravity sewer system. **Reference:** David Marquez (786) 552-8826



Education

Oral Roberts University, OK; B.S. in Mechanical Engineering (2017)

Registration and Certifications

Professional Engineer, FL No. 95992 (03/10/2023)

Alejandro Leon, PE, MSEM

Maintenance of Traffic (MOT) Lead

Alejandro has 18 years of experience designing highway facilities for several agencies, including FDOT, GMX, the City of Doral, City of Miami, Miami-Dade County, and Broward MPO. The projects include major interchange reconstruction, lighting-only projects, roadway reconstruction, RRR projects, bicycle/pedestrian mobility ADA compliance projects, and civil site projects. He also specializes in the maintenance of traffic (MOT) plans, having completed the Advanced Maintenance of Traffic course approved by FDOT and having several years of experience in MOT design, including significant interchange reconstructions. He has experience in projects with the conventional design-bid-build procurement process and design-build procurement process. Representative project experience includes:



Florida Department of Transportation - District 4, Broward County MPO Mobility Project, Phase 1: RFP Development. Deputy Project Manager and Senior Project Engineer for this "Broward Mobility" pilot design-build project across 48 off-system roadway segments in Broward County, covering areas around SR 842/ Broward Boulevard within municipalities such as the Town of Davie, Fort Lauderdale, Plantation, Lauderhill, Tamarac, Oakland Park, Lauderdale Lakes, Hollywood, Deerfield Beach, Pembroke Pines, and Pompano Beach. His work focused on enhancing pedestrian and cyclist transportation options, linking communities to existing transit along Broward Boulevard. He managed the construction of sidewalks, multi-use paths, bicycle facilities, ADA curb ramps, and undertook milling, resurfacing, and minor widening for bike lanes, while addressing incidental drainage and tree removal issues. Alejandro's role required extensive coordination with Broward County Public Works, Broward MPO, and FDOT, ensuring compliance with all design documentation, developing right-of-way certifications, and maintaining strict adherence to municipal noise and work hour restrictions. His involvement extended from the RFP development to overseeing plan reviews, permit compliance, and construction coordination, significantly contributing to the project's success in promoting transit use in Broward County by improving connectivity and accessibility.
Reference: Sabrina Aubery, PE. (954) 777-4324, Sabrina.Aubery@dot.state.fl.us.
Dates: 01/2012 - 01/2014.

Florida Department of Transportation - District 4, SR 804/Boynton Beach Boulevard (SR 7/U.S. 441 to Lyons Road), Boynton Beach, FL, FPID No. 447665-1-52-01. Project manager for this resurfacing, restoration, and rehabilitation (RRR) project along SR 804/Boynton Beach Boulevard in Palm Beach County. The project's objectives included narrowing the travel lanes to 11 feet to allow for the expansion of bicycle lanes to 6 feet, constructing new sidewalks, upgrading guardrail connections to the existing bridge over the LWDD E-1 Canal, enhancing signing and pavement markings, and making signalization improvements.
Dates: 09/2022 - Ongoing.

Florida Department of Transportation - District 4, SR 7/U.S. 441 at Lake Worth Road, Lake Worth, FL, FPID No. 445882-1-52-01. Engineer of record for a resurfacing, restoration and rehabilitation (RRR) project along SR 7 from South of

Education

Florida International University, FL, M.S. in Engineering Management (2012)

University of Florida, FL, B.S. in Civil Engineering (2007)

Registration

Professional Engineer: FL No. 74675 (06/08/2012)

Certifications and Qualifications

Advanced MOT Certification

FDOT Specs Preparation Certification

Software: MicroStation, GeoPak, OpenRoads, GuideSIGN, AutoTURN, AutoCAD CIVIL 3D, MS Office Applications

Knowledge of FDOT Design Manual, Design Standards, Florida Greenbook, and AASHTO Manual

*Prior to joining CHA



Lake Worth Road to Lake Worth Drive signalize intersection in Lake Worth, Florida. This project aims to mill and resurface within the project's limits and accommodate future projections of increased volumes of traffic traveling northbound right attempting to access Florida's Turnpike interchange. The design provides a dedicated right-turn lane by widening and converting the existing outside lane to a through lane to alleviate congestion on SR 7/U.S. 441 on the northbound approach.

Reference: Ronald P. Wallace, PE - District 4 In-house project manager; (954) 646-1197; Ronald.Wallace@dot.state.fl.us. **Dates:** 08/2022 - Ongoing.

Alejandro Leon, PE,
MSEM
MOT Lead

Florida Department of Transportation - District 4, SR 7/U.S. 441 Transit Corridor Mobility Improvements Group (NW 16th St, NW 19th St, and NW 26th St.), Lauderdale Lakes, FL, FPID No. 429576-7-52-01. Project manager for this Broward County Metropolitan Planning Organization (MPO) mobility priority project. The project aims to improve pedestrian, bicycle, and road safety by adding bike lanes through minor road widening and "road diets." It includes resurfacing, ADA ramp upgrades, and sidewalk improvements. Design variations are documented to avoid utility and drainage conflicts. A 3D model was created for cross sections. The project adds or repurposes bike lanes on specific streets and uses "Share the Road" markings and green bike lanes per Broward County standards. A phased traffic control plan (TTCP) minimizes disruptions during construction. Drainage improvements involve treating runoff, reshaping grass areas into V-shaped swales, and repositioning or adding drainage inlets in accordance to SFWMD. Flooding issues are addressed with catch basins and exfiltration trenches. **Reference:** Robert Lopes, PE, (954)-777-4425; Robert.lopes@dot.state.fl.us. **Dates:** 11/2021 - Ongoing.

Florida Department of Transportation - District 4, SR 607/Emerson Avenue (North of SR 614/Indrio Road to South of 25th Street SW), St. Lucie County, FL, FPID No. 447651-1-52-01. Senior project engineer for this resurfacing, restoration, and rehabilitation (RRR) project along SR 607/Emerson Avenue in St. Lucie County. The project's scope includes milling and resurfacing the travel lanes and turn lanes throughout the entire length of the project, widening the existing shoulders to 7 feet, and constructing missing sidewalks (8 feet to 12 feet), curb ramps, and detectable warnings northbound from Hibiscus Road to North Boulevard. Adjacent areas are to be regraded and sodded—incidental drainage improvements due to shoulder widening and sidewalk construction. The design provided a safe and effective temporary traffic control certification (TTCP) to move vehicular and pedestrian traffic during all construction phases. **Dates:** 07/2022 - Ongoing.

Florida Department of Transportation - District 4, SR 70 (Ideal Holding Road to South Rock Road), St. Lucie County, FL, FPID No. 447653-1-52-01. Senior project engineer responsible for preserving and extending the service life of the existing roadway by milling and resurfacing the existing and enhancing general highway safety. This project includes constructing two restricted crossing U-turn (RCUT) intersections at Shinn Road and S. Header Cana, adding acceleration lanes at RCUT locations, upgrading the existing guardrail, constructing a new sidewalk, drainage improvements, upgrading all signing and pavement markings and installing a new lighting system. The team also provided roadway analysis and was responsible for the RCUT design and preparation of roadway plans. **Dates:** 07/2022 - Ongoing.

Elio R. Espino, PE, PhD

Active Work Zone Management Lead

Elio has over 28 years of experience and serves as traffic and intelligent transportation systems (ITS) business practice leader. In this role, he leads a team of engineers and engineering technicians providing services in traffic operations (TOPS), traffic safety, signal retiming, signalization design, signal systems, work zone management, transportation systems management and operations (TSM&O), and traffic data collection. He has worked within FDOT District 6, serving as a district safety engineer for the last three years of his seven-year tenure with the department. He is an experienced project manager and has served in this capacity on over 12 task work order-driven contracts. His expertise includes TOPS, TSM&O, traffic safety, signal timing, signalization design, pedestrian and bicycle safety, and traffic data collection. Representative project experience includes:

Florida Department of Transportation - District 4, Design-Build Tiger-Grant, Broward County, FL. Traffic engineer responsible for this Tiger-Grant funded project, including incorporating bicycle lanes/shared use paths in Broward County, FL. These corridors are on and off the state highway system. As the BMPO and municipalities were the principal entities in charge of obtaining the Tiger Grant fund, intense coordination was required with these parties. Multiple tactics were used to implement bicycle lanes, including lane diets, lane width reductions, and minor widening. When widening was required, drainage adjustments were also addressed. ADA was also reviewed throughout the corridor to ensure curb ramps met ADA requirements. The project also included incorporating LFAs for landscaping, hardscaping, and decorative lighting. **Reference:** Thuc Le, PE (954) 777-4552. **Dates:** 7/2020 - 8/2022.

Florida Department of Transportation - District 4, Districtwide Traffic Safety Studies. Deputy project manager responsible for this task work order-driven contract. Tasks include field reviews, crash analysis, local agency coordination, developing traffic safety countermeasures, benefit-cost analysis, net present value, arterial/corridor evaluation, signal retiming, including adaptive systems assessment, and preparing technical memorandums. Elio is responsible for presenting all study findings and recommendations at the monthly Safety Review Committee (SRC) meetings. The following is a list of recent studies conducted:

- Preliminary Safety Assessment - SR 820/Pines Boulevard and SW 145th/142nd Avenue, Broward County: included evaluation of adaptive signal control at intersections and the configuration of the signal operating plan.
- Safety, Signal Retiming, Bridge Pre-emption, and Recovery Plans - SR 736/Davie Boulevard (SW 17 Avenue to west of SR 5/S. Federal Highway)
- Safety and Signal Retiming - SR 5/U.S. 1/Federal Highway (Jennings Road to SE Village Green Drive)
- Lighting Analysis - SR 805/Dixie Highway (north of Lucerne Avenue to West Palm Beach Canal), Palm Beach County



Education

Florida International University, FL,
Ph.D. in Civil Engineering (2005)

Florida International University, FL,
M.S. in Civil Engineering (1999)

Florida International University, FL,
B.S. in Civil Engineering (1997)

Registration and Certifications

Professional Engineer:

- FL No. 58341 (03/19/2002)
- GA No. 27463 (01/31/2002)

Memberships and Affiliations

Institute of Transportation
Engineers - American Planning
Association

**Prior to joining CHA*



- Lighting Analysis - SR 704/Okeechobee Boulevard (east of Military Trail to I-95), Palm Beach County
- Lighting Analysis - SR 9/I-95 (12th Avenue S to the south of 10th Avenue N), Palm Beach County
- Pedestrian Midblock Crossings Evaluation - SR 714/SE Monterey Road (Kingswood Terrace to SR A1A/SE Ocean Boulevard and SR A1A/ SE Ocean Boulevard (SE Monterey Road to Ocean East Mall)
- Road Safety Audit - SR 817/University Drive (Nova Drive to SR 84)

Elio R. Espino, PE, PhD
 Active Work Zone Management Lead

Reference: Thomas Miller. (954) 777-4073. **Dates:** 6/2016 - Ongoing.

Florida Department of Transportation - District 4, I-95 Express Lane Implementation (Segments 3A-2, 3B -1, and 3B-2), Miami, FL. Traffic engineer responsible for implementing express lanes from Commercial Boulevard to Linton Boulevard. The project includes roadway and bridge widening to accommodate express lanes and consists of the replacement and complete modification of the corridor signing, pavement marking, and Intelligent Traffic System (ITS) master plan. In addition, several ramp operational issues were corrected, including ramp metering. The 3B-2 project incorporates the first Diverging Diamond Interchange (DDI) to be constructed in District 4. The design incorporated wrong-way driving countermeasure implementation, including highlighting signs. Flashing beacon signs were also provided for short ramps and signal ahead signs. **Reference:** Vanita Saini, PE, (954) 777-4156, Vanita.Saini@dot.state.fl.us. **Dates:** 09/2015 - 2018. **Contract Amount:** \$47,703

Florida Department of Transportation - District 4, SR Migration of Project Development and Environment (PD&E) Study - Strategic Intermodal System (SIS) and Florida Intrastate Highway System (FIHS) Facility. Senior traffic engineer responsible for PD&E Study of a 15-mile stretch of SR 710 (a FIHS/SIS facility) in Martin County from the Okeechobee/Martin County Line to CR 609. The considered additional through lanes, special treatment and/or additional lanes at major intersections, and widening of the crossroads up to 1000 feet in each direction where necessary, to provide intersection operation at an acceptable level of service. In addition, a grade-separated highway/rail crossing was evaluated. The study also included a Transit Feasibility Study for the corridor. **Reference:** Patrick Glass, PE (954) 777-4681. **Dates:** 10/2007 - 7/2011.

Florida Department of Transportation District 6, Rickenbacker Bridge Rehabilitation (Bridges 870162 (NB to I-95) & 870163 (SB to S Dixie Hwy) Active Work Zone Management and Maintenance of Traffic (MOT) Support. Project manager representing FDOT District 6. Provided support in developing signal timing plans and coordinated with the signal maintaining agency to implement them in the central system. Collaborated with the Project CEI, City of Miami Police, and Village of Key Biscayne Police to ensure efficient traffic operations. Actively monitored work zones and made real-time signal timing adjustments to alleviate congestion and improve traffic flow. Documented and analyzed outcomes through daily dashboards and traffic alerts to ensure effective traffic management. **Reference:** Saud Khan, Saud.Khan@dot.state.fl.us, (305) 470-5344. **Dates:** 04/2024 - August 08/2024.



Lisette Guon, EI, IMSA I & II

Utility Coordination

Lisette has over 24 years of experience working as a transportation engineer with the Florida Department of Transportation and local agencies. Lisette has worked on several projects, including RRR, roadway reconstruction, and design-build projects. She has designed and drafted roadway plans, signing and pavement marking plans, and signalization plans using the CADD system and Geopak software. She has created and reviewed pavement design packages, typical sections, and horizontal and vertical alignments. Lisette has also prepared, reviewed and updated roadway plans and other construction documents per the FDOT Plans Preparation Manual, FDOT Design Standards, and Manual of Uniform Traffic Control Devices. She has generated CADD-produced quantities using Geopak for the computation book; computed areas, volumes, and geometric data; prepared cost estimates analysis; and established projects in the construction estimating system. Representative project experience includes:

Florida Department of Transportation - District 4, SR 817/University Drive (Riviera Boulevard to SR 824/Pembroke Road), FPID No. 432066-8-52-01.

Project utility coordinator for a Broward County MPO mobility project along SR 817/University Drive. Responsibilities included improving pedestrian, bicycle, traffic, transit, operational, and safety features. The project involved milling, resurfacing, widening the roadway for bicycle lanes, drainage, curb and gutter, widening sidewalks, ADA curb ramps, adding bus shelters, constructing a pedestrian overpass bridge, upgrading signing and pavement markings, pedestrian countdown signals, replacing light poles, and improving lighting uniformity levels on sidewalks, including pedestrian lighting retrofit at signalized intersections. Extensive coordination with Broward County MPO, the City of Miramar, stakeholders, and adjacent projects was required. **Reference:** Leslie Wetherell, PE (954) 777-4438. **Dates:** 09/2019 -01/2022

Florida Department of Transportation - District 4, SR A1A (S. of Jasmine Lane to North of SR 60/Beachland Boulevard), FPID No. 443996-1-52-01.

Senior utility coordinator for a resurfacing, restoration, and rehabilitation (RRR) project aimed at preserving and extending the roadway's life. Responsibilities included milling, resurfacing, widening asphalt for a 7-foot bicycle lane, drainage, new sidewalks, ADA curb ramps, upgrading pedestrian traffic signals, detectors, and signs, retrofitting lighting to LED at SR 60/Beachland Boulevard, upgrading signing and pavement markings, and developing tree disposition plans. The project also involved constructing and extending southbound right-turn lanes at key intersections. **Reference:** Humberto Arrieta, PE, (954) 777-4152. **Dates:** 10/2019 - 02/2022.

Florida Department of Transportation - District 4, SR A1A (East of Lyons Bridge to SR 732/Jensen Beach Boulevard) Pedestrian Lighting and Sidewalk, Jensen Beach, FL. Senior utility coordinator for this \$ 6.0 million project, consisting in decorative lighting retrofit along SR A1A. Lisette was responsible for coordinating utility relocation work within the project limits with utility agency owners,



Education

Florida International University, FL,
B.S. in Civil Engineering (2002)

Registration

Engineer Intern: FL No. 1100022436
(02/14/2004)

Certifications and Qualifications

Advanced MOT
IMSA Levels I & II



identifying potential conflicts of existing facilities with proposed lighting work, utility coordination/relocation with all different agencies having jurisdiction in the project area and FDOT D4 Utility Office. She was responsible for the final utility certification completed during the constructability phase. **Reference:** May Cheng, PE. (954) 777-4408. **Dates:** 09/2016 – 02/2019.

Lissette Guon, EI
 Utility Coordination

Florida Department of Transportation - District 4, Prospect Road (SR 870/ Commercial Boulevard to SR 811/N. Dixie Highway), Broward County, FL, FPID No. 435925-1-52-01. Senior utility coordinator for the off-system Broward County MPO mobility project to add bicycle lanes using minor widening and lane elimination or “road diets.” The improvements consisted of milling and resurfacing, including bicycle lanes, drainage improvements (due to widening), providing sidewalk improvements as necessary to comply with ADA, upgrading signing and pavement markings, retrofitting lighting at the signalized intersection of Powerline Road, relocating trees, and modifying signals within the limits of the project. This project required approval from Broward County for lane elimination from six-lane to four-lane from Powerline Road to S Dixie Highway. The project required extensive coordination with Broward County, the City of Oakland Park, Broward MPO, and stakeholders. **Reference:** Claudia Vinitzkiy-Calvo, PE. (954) 777-4476. **Dates:** 11/2016 – 12/2019.

Florida Department of Transportation - District 4, SR 870/Commercial Boulevard from NW 70th Avenue to SRA1A/Ocean Drive & SR 816/Oakland Park Boulevard from Atrium West to SR A1A/North Ocean Drive/Broward County. Utility coordination for these two lighting retrofit projects with a combined construction cost of \$ 2.5 million, consisting in installation of LED luminaries for 56 intersections along the project corridor. Responsible for coordinating with 61 utility agency owners, identifying potential conflicts of existing facilities with proposed lighting work, utility coordination/relocation with seven cities and other agencies having jurisdiction in the project area and FDOT D-4 Utility Office. Responsible for final utility certification completed during biddability phase. **Client:** FDOT D-4 **Reference:** Bing Wang, PE. (954) 777-4482. Sr. Utility coordinator. **Dates:** 09/2016 – 03/2019.

Florida Department of Transportation - District 4, SR A1A/South Ocean Drive, Broward County, FL. Utility coordinator for the milling and resurfacing project, which included installing video detection at signalized intersections, upgrading pedestrian signals to countdown timers, and converting signal supports from concrete poles to mast arms. The project also encompassed signing and pavement markings, ADA improvements such as replacing damaged sidewalks and updating non-compliant curb ramps as needed, and the implementation of bicycle lanes where feasible. Additionally, the City of Hallandale Beach Public Works Department entered into a Joint Participation Agreement (JPA) with the Department to install decorative pedestrian lighting and sidewalks. **Reference:** Fausto Gomez, PE. (954) 777-4466. **Project Length:** 0.90 miles. **Project Role:** Project engineer responsible for Pavement Design Quality Assurance and Utility Coordination. **Dates:** 01/2012 – 01/2014.



Joseph Graham, JD, PE

Grants/Funding

Joe has over 15 years of extensive experience in permitting, engineering design, project management, funding, and strategic planning in various types of water, wastewater, and reclaimed water projects. He has experience in horizontal asset design and permitting, master planning development, and the development of utilities strategic plans and comprehensive utilities policies. While working in the municipal sector, Joe served as the technical representative to a multi-agency water cooperative and engaged with elected representatives, members of the regulatory community, and the general public on utility issues. He has extensive experience in various aspects of public infrastructure financing, including federal and state funding; service and impact fee determinations; public system asset valuation; and operations and capital improvement program budgeting. Representative project experience includes:

Tampa Bay Water, Tampa, FL, Brandon Booster Station (BBS). Project engineer for the design, permitting, and construction administration of the BBS. The station will have a nominal mechanical firm capacity of 20 MGD, resulting in a net gain of 5.0 MGD to 7.0 MGD delivered to the Lithia Regional POC. The project also includes other improvements to compliment the booster station, including replacing the existing well pump at Brandon Urban dispersed well No. 7 (BUD-7), the flow control valve at the Lithia Regional POC, and installing a surge relief valve at the Lithia Regional POC. The BBS consists of a new building, which will house the pumps, piping, valves, and fittings associated with the booster station. In addition, the building will include an electrical room, control room, storage, and a restroom.

City of Haines City, FL, Reclaimed GST and Pump Station. Project engineer for the design, permitting, and construction administration services for a 7.8 MGD transfer pump station with VFDs and a concrete wet well, a 3-MG prestressed concrete GST, a new 4.5 MGD reclaimed high-service pump station with VFDs, an off-site 1.1 MGD booster pump station, yard piping, electrical, I&C, and ancillary structures at the Haines City WWTF.

City of Haines City, FL, Lake Eva Recharge Feasibility Study. Project engineer for the study to select potential RIB sites that will recharge the Floridan Aquifer and assist in raising the water level in Lake Eva. The project is co-funded by the SWFWMD. The project was performed in two phases, and upon completion of both phases, the study identified potential RIB sites, estimated the benefits to the water levels in Lake Eva MFL for each site, established water quality requirements for the reclaimed water, determined the required treatment and reclaimed water distribution system modifications and associated costs, and ranked and recommended candidate sites for construction of the RIB system.

Toho Water Authority, Osceola County, FL, Wastewater Master Plan Update. Project engineer for Toho's wastewater master plan update. The master plan will facilitate the timing and cost efficiency of future infrastructure improvements required to serve the area's growth. This update will incorporate recently constructed infrastructure and use planning tools, including the updated hydraulic model, to update capital planning in a cost-efficient manner. The capital improvement plan portion will be completed for a 10-year planning horizon (2021-2030).

City of Port St. Lucie, FL, Westport WWTF Expansion. Project engineer for the design, permitting, bidding, and construction services to expand the Westport WWTF to meet the future treatment needs of the Westport service area. This scope is based on an anticipated future treatment to meet the following capacities: 10.71 MGD AADF, 12.00 MGD maximum month average day capacity and 15.85 MGD peak



Firm

CHA Consulting, Inc.

Years of Experience

15

Availability for this Contract

50%

Education

Stetson University, FL, J.D., Law

Stetson University, FL, M.B.A.,
Business Administration

University of South Florida, FL,
M.S., Public Health

University of South
Florida, FL, M.S., Civil and
Environmental Engineering

Colorado State University, CO,
B.S., Chemical Engineering

Registration and Certifications

Professional Engineer - FL

Memberships and Affiliations

Member of the Florida Bar

American Water Works
Association

Water Environment Federation

Florida Engineering Society



Paul E. Doll, PSM
SUR Senior Surveyor I

Mr. Doll has over 30 years of experience with the Florida Department of Transportation in both the field performing surveys and, in the office, reviewing field data and maps for compliance. From 1989 to 2009, he held roles as a Survey Crew Chief and Survey Technician with the FDOT District 4 office, where he was able to gain valuable experience conducting and supervising field survey crews, as well as, performing data processing using software such as MicroStation, GEOPAK, CAICE and FDOT CADD applications. In 2009, Mr. Doll received his Professional Survey and Mapper's license and was promoted to the roll of a surveyor where he also served as the FDOT District 4's representative on the State Surveying and Mapping Technical Advisory Committee (SAMTAC). In this role, he also supervised in-house survey crews and managed up to 20 Survey and Mapping Consultant contracts for the Department. During his last 5 years at the Department (2015-2020), his main tasks involved evaluating Leica survey equipment, developing settings and procedures for the collection process, and training the district field crews to operate the new equipment and providing technical support to them when they have issues. Mr. Doll retired after 30 years of exemplary service to the Florida Department of Transportation and continues to serve the industry with his wealth of knowledge and expertise in the private sector. At CTS Engineering, Mr. Doll serves as a Senior Surveyor and Mapper and will ensure that all survey-related deliverables will meet the State's criteria and standard of quality.

Years of Experience
 35

Areas of Expertise
 Surveying & Mapping, Contract Management, Leica Infinity, GPS, Data Processing, CAICE

Education
 Northmont High School, Clayton, OH, High School Diploma, 1982

Professional Registrations
 Professional Surveyor & Mapper, Florida, PSM #6726, 2009
 Georgia PLS #003547.2024
 Kentucky PLS #4521.2022

Professional Affiliations
 Florida Surveying & Mapping Society
 Surveying and Mapping Society of Georgia
 Kentucky Association of Professional Surveyors

FM 449819-1 Design Survey for Full Design from SR 818 to Sawgrass Recreation Area 8.0 Miles FDOT District 4. Design Survey. The scope of work included providing the required equipment, tools, and survey crews to perform horizontal and vertical control, alignment and existing right of way lines, Mobile LiDAR targets, Drainage survey, Canal cross section, utility designates. (Contact: Jeff Smith PSM; Telephone: 954-777-4560; Start/End Date: 12/2023-Present).

FM 449818-1 Design Survey for Full Design SR-A1A from Indian River/St. Lucie Countyline to Jasmine Lane 5.5 Miles. FDOT District 4. Design Survey. The scope of work included providing the required equipment, tools, and survey crews to perform horizontal and vertical control, alignment and existing right of way lines, Mobile LiDAR targets, utility designates. (Contact: Jeff Smith PSM; Telephone: 954-777-4560; Start/End Date: 1/2024-Present).

FM 441756-1 Design Survey for street lighting SR-80 from SR 15 to CR 880 18 Miles. FDOT District 4. Design Survey. The scope of work included providing the required equipment, tools, and survey crews to perform horizontal and vertical control, alignment and existing right of way lines, fixed wing targets, cross section every 500 ft. utility designates and test holes. (Contact: Roberto Chavez; Telephone: 954-777-4543; Start/End Date: 11/2021-10/2023).





FM 447665-1 Design Survey for RRR project SR-804/Boynton Beach from SR 7 to Lyons Road. FDOT District 4. Design Survey. The scope of work included to provide the required equipment, tools, and survey crews to perform horizontal and vertical control, alignment and existing right of way lines, terrestrial mobile lidar targets, topography/DTM for 1000 ft. west of the project and obscure areas, and cross sections. (Contact: Roberto Chavez; Telephone: 954-777-4543; Start/End Date: 01/2022-02/2023).

FM 447657-1 Design Survey and SUE for RRR project SR-794/Yamato Road from E of SR-9/I-95 to SR-5/US-1. FDOT District 4. Full Design Survey. The scope of work included to provide the required equipment, tools, SUE and survey crews to perform horizontal and vertical control, alignment and existing right of way lines, terrestrial mobile lidar targets, topography/DTM for obscure areas and ground shoots 5 ft. beyond right of way, cross sections, drainage survey and utility designates (Quality Level B) for 19 utility lines at 8 mast arm locations and 8 proposed light pole locations. (Contact: Roberto Chavez; Telephone: 954-777-4543; Start/End Date: 01/2022-04/2023).

SR-7 RRR (FPID 432349-1), FDOT District 4. Survey Project Manager, FDOT District 4 Survey Department. The project included the RRR of SR-7 from just north of Clint Moore Road to Atlantic Avenue in Palm Beach County, FL (2.4 miles). The survey work was performed by FDOT survey crews under my direction. (FDOT Contact: Jeff Smith PSM; Telephone: 954-777-4560. Start/End Date: 06/2015-05/2016).

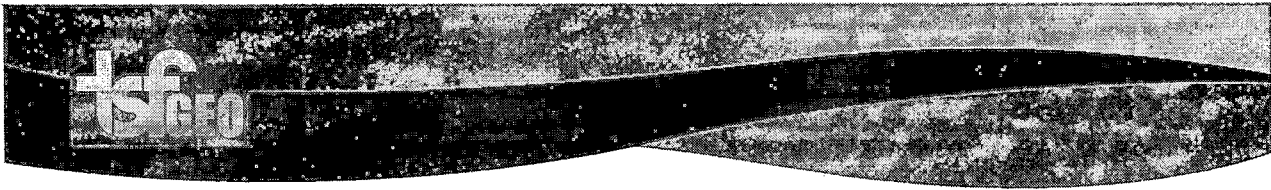
SR-A1A Washout Reconstruction (FPIDs 433688-4 & 433688-6), FDOT District 4. Survey Project Manager, FDOT District 4 Survey Department. This project permanently repaired a storm damaged section of SR A1A from Sunrise Blvd. to NE 18th Street in the City of Fort Lauderdale, FL. The survey work was performed by FDOT survey crews under my direction. (FDOT Contact: Jeff Smith PSM; Telephone: 954-777-4560. Start/End Date: 12/2013-06/2013).

SR 804 Boynton Beach Blvd, (FPID 432344-1), FDOT District 4. Survey Project Manager, FDOT District 4 Survey Department. The project included the RRR of SR-804 from West of Jog Rd to Congress Ave in Palm Beach County, FL. The survey work was performed by FDOT survey crews under my direction. (FDOT Contact: Jeff Smith PSM; Telephone: 954-777-4560. Start/End Date: 07/2016-05/2017).

I-595 3P Project (The first 3P Project in District 4), FDOT District 4. Survey Project Manager, FDOT District 4 Survey Department. From I-75 to I-95, the survey work was performed by several FDOT survey crews under my direction. This project included new lane miles, new bridges, and off-site drainage ponds. (FDOT Contact: Jeff Smith PSM; Telephone: 954-777-4560. Start/End Date: 04/2006-06/2007).

I-75 3P Project, FDOT District 4. Survey Project Manager, FDOT District 4 Survey Department. From South of Broward/Miami-Dade County line to I-595, the survey work was performed by several FDOT survey crews and consultant survey managers under my direction. This project included new lane miles and new bridges. (FDOT Contact: Jeff Smith PSM; Telephone: 954-777-4560. Start/End Date: 03/2016-06/2017).

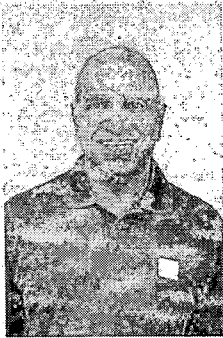




**RAJ KRISHNASAMY,
P.E.**

**President, Principal
Engineer**

**38 Years of Professional
Experience**



Education

MS in Geotechnical
Engineering, University of
Memphis, 1995

BS in Civil Engineering,
Christian Brothers
University, 1987

Diploma Electronic
Engineering, Malaysian Air
Force Institute, 1984

**Professional
Organization and
Registration**

Professional Engineer:
Florida, 53567

Water Well Contractor,
Florida, 11346

Certified OSHA Supervisor

Certified Environmental
Consultant

Professional Experience

Mr. Raj Krishnasamy, P.E., President and Principal Engineer of TSFGeo, is a Florida Registered Geotechnical Engineer with more than 38 years of experience. Mr. Krishnasamy oversees the geotechnical engineering, construction materials testing, and inspection services operations. His experience consists of successfully completing over 7,500 public and private projects. He serves as Project Manager for continuing contracts with over 20 Florida public agencies. He has a history of repeatedly retaining those contracts through successful, cost-effective, and prompt execution of each task order. Mr. Krishnasamy's daily involvement with the in-house and field operations of the construction and geotechnical services departments provides him with "hands-on" experience and knowledge of current construction codes and construction practices throughout the State of Florida. Mr. Krishnasamy and his highly experienced team focus on providing the client with a consistently accurate, cost-effective quality product that is delivered on time and within budget.

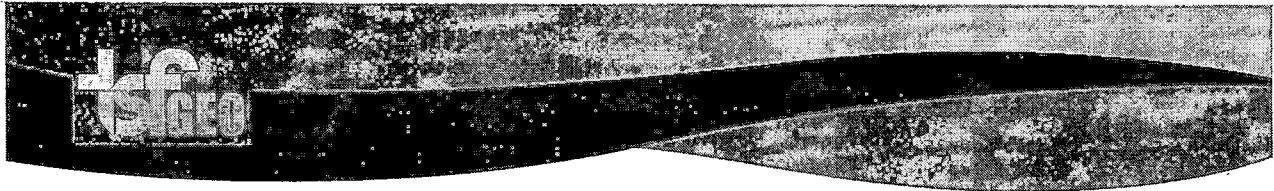
Relevant Project Experience

Coconut Isle Drive, Fort Lauderdale, Florida. Mr. Krishnasamy was the Principal-in-Charge of the Geotechnical Engineering and Construction Materials Testing Services for the project which consisted of replacements to the bridge. The study was performed to obtain information on the existing subsurface conditions. The purpose of this study was to provide geotechnical input to the design team to assist in evaluation of the merits of roadway improvements. Provided a geotechnical engineering report which included evaluations and recommendations regarding driven pile axial capacity, concrete pile installation, scour, pile installation, test pile program and soil parameters for end bent design. During construction, services included concrete sampling. A TSFGeo Senior Engineer provided review of daily reports, handled project coordination and attended meetings, as necessary.

Sheridan Street (SR-822) Bridge over ICWW, Broward County, Florida; FPID No. 441462-1-32-01. Mr. Krishnasamy was the Principal-in-Charge of the Geotechnical Engineering Services for the project which consisted of bridge repair/ rehabilitation and mast arms along Sheridan Street Bridge. The purpose of this study was to provide geotechnical input to the design team to assist in the evaluation of the merits of the improvements. Provided a geotechnical engineering report which included evaluations and recommendations regarding foundation design and drilled shaft construction.

Widen Spur (SR91) - Golden Glades Turnpike to Broward County, Miami-Dade County, Florida; FPID No. 423373-5-52-01. Mr. Krishnasamy was the Principal-in-Charge of the Geotechnical Engineering Services for the project which consisted of the existing bridge being widened on the north end and the Snake Creek Canal and bridges being replaced for crossing at NW 199th Street and Miami Gardens Boulevard. The purpose of this study was to provide geotechnical input to the design team to assist in the preparation of construction plans for the bridge alterations or replacements. Provided a geotechnical engineering report which included evaluations and recommendations regarding pile selection, driven pile axial capacity, downdrag evaluation, pile group settlement evaluation, scour resistance, lateral stability and soil parameters, concrete pile installation, test pile program, construction considerations, excavations and temporary walls.





Relevant Project Experience, continued

Intercoastal Waterway Bridge Experience

- Flagler Memorial Bascule Bridge, Palm Beach County, Florida
- SR-80 / Southern Blvd. Bridges Replacement, Palm Beach County, Florida
- Ocean Avenue Bridge over the Intracoastal Waterway, Palm Beach County, Florida
- George Bush Boulevard Bascule Bridge, Palm Beach County, Florida
- SR-A1A North Bridge over ICWW (Bridge Replacement #940045), Port St. Lucie, Florida
- Rehabilitation of West Bridge and Bear Cut Bridge on Rickenbacker Causeway, Miami-Dade County, Florida

Waterway Bridge Experience

- Jog Road Bridge over C-51 Canal, Palm Beach County, Florida
- Hatton Highway Bridge Over PDD Main Canal 2, Palm Beach County, Florida
- Village Royale Bridge over C-51 Canal, Royal Palm Beach, Florida
- Atlantic Avenue Roadway Improvements and Bridge Replacement over LWDD E-2E Canal, Palm Beach County, Florida
- Caroline Avenue Crossing over LWDD L-3 Canal Bridge Replacement, Palm Beach County, Florida
- Belvedere Road Over E-3 Canal (Bridge Replacement / Roadway Improvements), Palm Beach County, Florida
- Prairie Road over LWDD L-8 Canal Bridge Replacement, West Palm Beach, Florida
- Lake Osborne Drive Over Lake Bass Canal Bridge Replacement, Lake Worth, Florida
- Congress Avenue Over LWDD L-24 Canal, Palm Beach, Florida
- Seminole Blvd and Osceola Drive L-2 Canal Bridge Replacement, Palm Beach County, Florida
- Davis Road over LWDD L-6 Canal Bridge Replacement, Palm Beach County, Florida
- Pedestrian Bridge over Marvin Adams Waterway, Monroe County, Florida
- Scour Countermeasure for Oakland Park Blvd over C-13 Canal (Bridge No. 860139), Broward County, Florida
- SR-710 Big John Monahan Bridge Replacement from SW Trail Drive to East of the SR 76 Connector Ramps, Martin County, Florida
- SFRC Bascule Bridge over the South Fork of the New River Broward County, Florida
- SR-714/Martin Downs Blvd. over Danforth Creek Bridge Repairs, Martin County, Florida
- Dixie Highway (CR-811) Flyover from South of Hillsboro Boulevard (SR 810) to North of the Hillsboro Canal (Design-Build Project), Broward and Palm Beach Counties, Florida
- New Bridge on NW 87th Avenue over Miami Canal, Miami-Dade County, Florida
- SW 77th Avenue Bridge over C-100A Canal -- Bridge No. 874422, Miami-Dade County, Florida
- Replacement of Old Dixie Highway Bridge over Taylor Creek and the East Coast Greenway Trail, St. Lucie County, Florida
- SFWMD C-38A Bridge, Kissimmee, Florida
- 58th Avenue Bridge over North Relief Canal, Vero Beach, Florida
- CR-880 Bridge over C-51 Canal, Palm Beach County, Florida
- NE 10th Avenue Bridge, Miami-Dade County, Florida
- Congress Avenue North of Okeechobee Boulevard, Palm Beach County, Florida

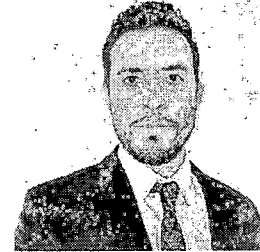




Adrian Leon, PE, CBI, CTI
 Confirming Engineer / Team Leader (50% Available)

Professional Experience Summary

Adrian E. Leon has over 16 years of experience on structural design and structural inspection projects in South Florida. Mr. Leon has been involved in numerous inspection contracts including Bridges, Traffic Signal Mast Arms, High Mast Light Poles and Overhead Signs. He has served as Project Manager, Deputy Manager and Lead Inspector in major inspection contracts with the FDOT Districts 1, 4, 5, 6, 7, GMX and Miami-Dade Aviation Department. Since 2019, Adrian has served as an extension of FDOT D 6 staff in the Bridge and Structures Maintenance Unit.



Professional Experience | 2010 to Present:

Inspection & Reporting Services | Greater Miami Expressway (GMX)
 Role: Confirming Engineer and Lead Inspector performing bridge and ancillary structure inspections and reporting for structures under GMX jurisdiction. Scope includes field inspection and reports processing. (8/2019-Ongoing/Sub) Contract Amount - including extensions **\$2.2M**. Reference: Richard Johnson (305) 637-3277 / ilandestoy@gmx-way.com.

Structural Inspection for Turnpike | Florida Turnpike Enterprise:
 Role: Confirming Engineer responsible for reviewing and signing & sealing inspection reports turnpike structures from milepost 0 to 237 (south system). Scope includes field inspection and reports processing. (7/2023-Ongoing/Sub) Contract Amount - **\$5.6M**. Reference: Aran Lessard, (954) 934-1234 / Aran.Lessard@dot.state.fl.us.

In-House Support Structure Maintenance Office, Continuing Services, MEI Maintenance/Permit Inspections | FDOT D6
 Role: Quality Control Engineer and Lead Inspector. Provide support as an extension of District 6 staff to the Bridge Unit including reviews, production and management for the bridge inspection program. Responsibilities include the review of bridge inspection schedules, bridge inspection reports, invoicing, MOT plans, and performing routine and emergency inspections. (03/2019-Ongoing/Sub) Contract Amount **\$5.0M** Reference: Pablo Orozco, PE (305) 470-5370 / Pablo.Orozco@dot.state.fl.us.

Districtwide In-Depth State Bridge Inspection, Miami-Dade County | FDOT D6
 Role: Project Manager, Confirming Engineer and Lead Inspector. Responsible for overseeing the daily operations of the contract and for performing inspections of 285 bridges, including 15 Movable, 6 Segmental and the Port of Miami Tunnel. Scope includes field inspection and reports processing. (4/2023-Ongoing/Prime) Contract Amount - **\$5.0M**. Reference: Jorge Ricardo (305) 640-7472 / Jorge.Ricardo@dot.state.fl.us

Districtwide Local Government In-Depth Bridge Inspections | FDOT D6
 Role: Confirming Engineer and Lead Inspector. This project includes the Routine, Interim, Initial and Emergency Inspection and Load Rating Analysis of 363 bridges. (9/2023-Ongoing/Sub) Contract Amount - **\$5.6M**. (10/2019-11/2023/Sub). Reference: Pablo Orozco, (305) 470-5370 / Pablo.Orozco@dot.state.fl.us.

Education

•BS Civil Engineering, 2010
 Florida International University

Registrations

•Florida Professional Engineer, No.83827
 •Illinois Professional Engineer, No. 062.069631

Certifications

•Certified Bridge Inspector (CBI) No. 00513
 •Certified Tunnel Inspector (CTI) No. 00014
 •FHWA-NHI 130055 Safety Inspection of In-Service Bridges
 •FHWA-NHI 130110 Safety Tunnel Inspection
 •FHWA-NHI 130078 Fracture Critical Inspection Techniques for Steel Bridges
 •FHWA-NHI 130087 Inspection and Maintenance of Ancillary Hwy Structures
 •NHI National Bridge Element Training
 •Advanced MOT
 •OSHA Fall Protection

Years of Experience

Total Years: 16, with LARS: 6





Adrian Leon, PE, CBI, CTI
 Confirming Engineer / Team Leader (50% Available)

Districtwide Overhead Sign Inspections | Miami-Dade and Monroe County, FDOT

Role: Project Manager, Confirming Engineer and Lead Inspector overseeing the daily operations of the contract and for performing visual structural inspections for various types of Overhead Signs (705 total) including span, cantilever, butterfly and cable signs. (11/2023-Ongoing/Prime) Contract Amount - **\$1.5M** (9/2021-10/2023/Prime) Contract Amount - **\$1.5M** (09/2019-08/2021/Prime) Contract Amount - **\$310K**
 Reference: Carmen Parra (305) 470-5251 / Carme.Parra@dot.state.fl.us

Traffic Signal Mast Arms & High Mast Light Poles Inspections | FDOT D6

Role: Confirming Engineer and Lead Inspector responsible performing routine, initial and emergency inspections and creating reports for Traffic Signal Mast Arms and High Mast Light Poles on the State Highway System. Scope includes field inspection and reports processing. (1/2022-Ongoing/Sub) Contract Amount - **\$1.5M**. Reference: Jorge Ricardo (305) 640-7472 / Jorge.Ricardo@dot.state.fl.us

Continuing Services for Bridge Inspection of State Bridges | Broward-Palm Beach, FDOT D4

Role: Confirming Engineer and Lead Inspector responsible for performing visual routine, interim, initial and emergency inspections of state-owned bridges within District 4 jurisdiction. Scope includes field inspection and reports processing. (6/2020-Ongoing/Sub) Contract Amount - **\$5M**. Reference: Patrick St. Fort., (954) 777-4159 / Patrick.st.fort@dot.state.fl.us

Overhead Sign Inspection Services, Broward County, FL | FDOT D4

Role: Confirming Engineer and Lead Inspector responsible for performing routine, interim, initial and emergency inspections of High Mast Light Poles and Overhead Signs. (1/2021-8/2024/Sub) Contract Amount - **\$5M**. Reference: Patrick St. Fort., (954) 777-4159 / Patrick.st.fort@dot.state.fl.us

Traffic Signal Mast Arms (TSMA) | FDOT District 4

Role: Confirming Engineer and Lead Inspector responsible for the inspection and maintenance of over 1,200 TSMA's throughout Broward, Palm Beach and the Treasure Coast. Scope includes emergency response, routine and initial inspections, and reports processing. (06/2023-Ongoing/Sub) Contract Amount **\$2.6M**. Reference: Patrick St. Fort., (954) 777-4159. Patrick.st.fort@dot.state.fl.us

Asset Maintenance of Structures I-595 | FDOT District 4

Role: Confirming Engineer and Lead Inspector responsible for the inspection of Bridges, Overhead Signs, High Mast Light Poles and Traffic Signal Mast Arms along I-595. Duties include emergency response, structural assessment and processing of inspection reports. (08/2024-Ongoing/Sub) Contract Amount **\$2.2M**. Reference: Patrick St. Fort., (954) 777-4159. Patrick.st.fort@dot.state.fl.us

Airport Structural Inspections | Miami-Dade Aviation Department

Role: Project Manager and Lead Inspector responsible for performing visual routine inspections of elevated rail fracture critical bridges and initial inspection for over 196 light pole structures at cargo buildings and the Runway Tunnel. (12/2019-11/2023/Prime) Contract Amount **\$ 495K**. (12/2023-Ongoing/Prime) Contract Amount **\$ 495K**. Project Contact: Arturo Gomez. (305) 869-8605 / AGomez@FlyMIA.com

Sheet Piling Installation Special Inspector | Spring Garden Point Park, City of Miami, FL

Role: Quality Control Engineer. Quality control of the installation of a 390 L.F. sheet piling seawall at Spring Garden Park. The seawall system is comprised by Single and Double NZ14 Piles and a continuous cast-in-place concrete cap. Duties include verification of installation as per approved plans, production of daily reports, pile installation logs and a final project records report.

(2/2020-1/2021/Prime) Contract Amount **\$35K**; Reference: Matt Shiring, (305) 325-0530. matt@ebsaryfoundationco.com



DAVID R. ROSA

Environmental Lead / Sr. Project Manager

GENERAL SUMMARY

David has 24+ years of project management, project coordination and permitting experience in the environmental and engineering field for public and private sector clients and multiple agencies. He has served as an Environmental and Permitting Lead, Project Manager and Discipline Manager for several infrastructure projects and has participated in capital improvement programs requiring the ability to effectively manage multiple tasks in a fast-paced environment. David has also worked as an environmental compliance officer and permit coordinator for infrastructure projects. His expertise includes National Environmental Policy Act (NEPA) documents, compliance, coordination, permitting, studies, compensatory mitigation, monitoring and environmental management.

REPRESENTATIVE EXPERIENCE

City of Fort Lauderdale GTL WWTP 60-Inc Dia. Force Main Design-Build Project | Environmental Lead responsible for the preparation of Wetland and Biological Report, Tree Surveys, SWPPP Plans, Pre-Construction Soil and Groundwater Contamination Sampling, Construction Dewatering Plans Construction, and Environmental Soil and Management Plan. Also assisted the Design-Build Team with the agency coordination and pre-application meetings. The project consisted of the installation of +/-4,000 linear feet of effluent force main, via a combination of micro tunneling and open-cut. The project was divided in three different phases (Phases 1A-1B, 2 and 3).

Design-Build Services for Runway Expansion to the Fort Lauderdale – Hollywood International Airport (FLL) | Project involved design and construction of the structures carrying Runway 9R-27L and the parallel Taxiway over US-1, FEC RR and the Airport’s East Perimeter Road. Environmental Project Manager responsible for managing and completing permit applications/modification for SFWMD, USACE permits, Broward County ERL / SWM, Broward County Tree Licenses, Dewatering permits, NPDES-Generic Permits, among others.

City of Miami Seawalls Repairs Project - Benthic and Seagrass Survey, FL | Environmental Lead for seagrass survey at eight (8) distinct locations subject to seawall repairs. The purpose of the seagrass survey was to identify, document, and report submerged aquatic vegetation (SAV) within a 50 feet radius from each project site. Deliverables included data in tabular; seagrass map and a Resources Survey Report.

Replacement of US 1/ SR 5 Low Level Bridges - Environmental Resources Permit, Coastal Wetland Delineation, Seagrass Mapping and Mitigation, FDOT D4, Jupiter, FL | Sr. Environmental Scientist responsible for the marine benthic survey and coastal wetland mapping, including seagrasses and mangrove areas, in order to define potential impacts (functional assessment) from the proposed project. Duties included preparation of permits applications for USACE Section 404-CWA and 10-RHA, SFWMD Environmental Resource Permit, and U.S. Coast Guard Bridge Permit This project involved the replacement of four low level bridges from North of SR 706/Indiantown Rd at Coastal Way to South of CR A1A, over the Lake Worth Lagoon (Outstanding Florida Waters).

Multi-Year Benthic Vegetation Monitoring - Southern Boulevard SR 700/80 Bascule Bridge and Tidal Relief Bridges Replacement Projects, FL - FDOT 4. Sr. Scientist and Scientific Diver performing annual benthic vegetation surveys and monitoring. Duties and responsibilities included technical reports for NEPA documentation, mangrove delineations, mapping, and field work coordination. This project had a length of approximately 0.7 miles and involved the replacement of the two (2) bridges over the Intracoastal Waterway and the Lake Worth Lagoon.

SFWMD Water Control Structure S-151 Replacement and Automation, Broward County, FL | Environmental and Permitting Lead for the proposed improvements to the Water Control Structure S-151. The Structure 151 is located in Water Conservation Area 3A within the Everglades National Park, at the intersection of the Miami Canal (C-304) and L-67A Canal. The structure allows the release of water from WCA 3A to meet water needs for South Miami-Dade County along the Miami Canal C-6, C-7 and C-8 during the dry season. It can also be used to discharge excess water to tide from WCA 3A and 3B when capacity is available in the Miami Canal. *Project Owner: South Florida Water Management District*

EDUCATION

BS – University of Sagrado Corazon / Natural Sciences

TECHNICAL CERTIFICATIONS

- UF / IFAS Stony Coral Tissue Loss Disease Observer
- Ocean Conservancy RECON Diver (RD-WC-02-00100)
- UF / IFAS Florida Master Naturalist (Coastal Systems)
- FDEP-Certified FL Stormwater Erosion and Sedimentation Control (19226)





MONICA DIAZ

Community Outreach Specialist - Senior



YEARS OF PROFESSIONAL EXPERIENCE: 20 Years



EDUCATION: Arizona State University – B.A. In Journalism and Mass Communication – Public Relations | 2005 Minor – Human Communication

Ms. Diaz, Principal of Infinite Source Communications (ISC), is a bilingual communications professional, experienced in public involvement, public relations, print journalism and integrated marketing communications. She has more than 20 years of professional experience including managing staff, communications budgets of over \$2 million and overseeing national marketing campaigns. Ms. Diaz works with agencies such as the Florida Department of Transportation (FDOT), Miami-Dade Transportation Planning Organization (TPO), the City of Miami Beach, and Broward County Public School District. She personally managed outreach for over 60 roadway projects throughout South Florida, serving as the lead spokesperson for FDOT District Six Construction and City of Miami Beach. She is capable of managing high-profile public involvement/public relations projects, building public consensus, communicating with key stakeholders and media, and executing marketing and design efforts for multiple clients. She also has the ability to handle numerous tasks quickly and successfully, ensuring goals are being attained and most importantly, that the quality assurance/quality control of the overall directed work is managed successfully. Through her years of experience on various transportation and community outreach projects, Ms. Diaz has built and fostered a variety of key stakeholder relationships and actively works with communities to develop a clear understanding of transportation related matters and municipal development.

WORK HISTORY AND RELEVANT PROJECTS

- 2022-Present – Project Lead, FDOT D4 Districtwide Office of Modal Development (OMD) Special Projects & Communication Services, Broward County, FL – Ms. Diaz works with OMD to manage contract deliverables, budgets and program current and upcoming campaigns. Recent tasks included developing a research report for Motor Transit Safety, launching Be Rail Smart and planning for the Transit Safety Campaign in June 2023.
Reference: Multimodal Coordinator Wibet Hay, 954-777-4573
- 2018-2021 – Project Lead, FDOT District Four SW 10 Street Connector PD&E Study; Broward County, FL – Ms. Diaz is responsible for developing a community outreach campaign to garner positive feedback from the local community. Strategies included, an e-blast and social media campaign, LED truck advertising, direct outreach, and pop-up events.
Reference: FDOT Project Manager Robert Bostian, 954-777-4427
- 2019-Present – Community Outreach Manager, Turnpike (SR 91) from south of I-595 to Wiles Road – Broward County, FL – Ms. Diaz worked with the Turnpike to developed and publish an online public meeting room as well as facilitate the coordination and attendance of the Kick-off Public meeting, which had over 400 people in attendance.
Reference: Kimley Horn, Lisa Stone, 561-840-0826
- 2021-Present – Project Manager, FDOT District Six Okeechobee Road Corridorwide Reconstruction, Miami-Dade County, FL – Outreach efforts include developing the overall outreach program, overseeing the preparation of outreach campaigns and media buys, hybrid meetings and pop-up events.
Reference: FDOT Construction Public Information Manager Kathy McLendon, 305-640-7437
- 2018-Present – Project Manager, FDOT D4 Districtwide Continuing Services Contract, Broward, Palm Beach, Martin, St. Lucie and Indian River counties, FL – Ms. Diaz oversees all outreach efforts for multiple projects on this contract including virtual and hybrid public meetings. We most recently were tasked with developing checklists for QA/QC accuracy and were added to the collaborative tool. We also worked with Program Management office to coordinate their Tentative Five-Year Work Program hybrid hearing and board meetings.
Reference: RS&H, Doug Green, 954-236-7371
- 2018-2019 – Public Information Manager, City of Fort Lauderdale Next Stop Fort Lauderdale Planning Study, Broward County, FL – Ms. Diaz worked with the team to develop a promotional campaign to raise awareness and garner public attention. Efforts included an e-blast campaign, participation at local events, and HOA presentations.
Reference: Kittleson & Associates, Inc Fabian De La Espriella 786-766-7370



- 2022-Present – Project Manager, 2050 Long Range Transportation Plan – Miami-Dade Transportation Planning Organization, Miami-Dade County, FL – Ms. Diaz manages all branding, messaging and outreach efforts for the 2050 Plan, inclusive of creative direction for the website, project collaterals and outreach events.
Reference: Elizabeth Rockwell, 305-375-1881
- 2022-Present – Project Manager, SMART Trends Transportation Summit, – Miami-Dade Transportation Planning Organization, Miami-Dade County, FL - Ms. Diaz was the lead creative director and manager for this event, overseeing all aspects from branding to program development. She worked with all aspects of the summit and ran day of logistics.
Reference: Elizabeth Rockwell, 305-375-1881
- 2019-2021 – Project Manager, SFRTA 2045 RTP Website Development and Social Media, Broward County, FL – Ms. Diaz worked with the regional team to develop the vision for the 2045 Regional Transportation Plan website www.movefloridaforward.org. She worked with Broward MPO to launch a social media campaign to increase participation.
Reference: Kittelson & Associates, Jessica Josselyn, 954-770-6463
- 2017-2021 – Project Manager, FDOT District Six Palmetto Express Design East-West, Miami-Dade County, FL – Ms. Diaz was responsible for managing the public involvement team as FDOT implements the design of new managed lanes and major roadway improvements along the Palmetto Expressway from I-75 to the Golden Glades Interchange. Efforts include developing overall outreach plans, collaterals in English, Spanish and Creole as well as hosting a series of outreach events to educate and inform the community about the benefits of Express Lanes. The project is currently on hold.
Reference: FDOT Communications Manager Tish Burgher, 305-470-5277
- 2013-2015 – Project Manager, FDOT District Six Districtwide Public Information Contract for Miscellaneous Construction Projects in Miami Beach and Surrounding Areas, Miami-Dade County, FL – Ms. Diaz was responsible for spearheading all education efforts for various projects in Miami Beach and the surrounding areas. She oversaw the public information team, developed the overall marketing and communication campaign strategy for FDOT and worked with local agencies to communicate all construction related information on a daily basis.
Reference: FDOT Construction Public Information Manager Kathy McLendon, 305-640-7437
- 2011-Ongoing – Project Manager, City of Miami Beach Public Information Services Right-of-Way and Facilities Construction Contract, Miami Beach, FL – Ms. Diaz manages staff and communications for ongoing and upcoming transportation projects including the renovation of one of Miami Beach’s most famous venues and historic building, the Miami Beach Convention Center. Ms. Diaz represented the City Manager’s office by coordinating all construction related activities with surrounding stakeholders, the media and special events such as Art Basel, Design Miami and the Auto Show.
Reference: Project Manager Thais Vieira, 305-673-7010
- 2011-Present – Project Manager – FDOT District Six Districtwide Communications Consultant Services for Miscellaneous Projects in Miami-Dade and Monroe Counties, Miami-Dade County, FL – Ms. Diaz currently manages a large team of public information staff and consultants as they execute outreach for FDOT in Planning, PD&E, and Design and special projects. She works with the District Secretary’s office to execute the public affairs for their Five-Year Work Program, develops internal style guides and checklists and launched the first annual Drive Safe Aggressive Driving campaign.
Reference: FDOT Communications Manager Tish Burgher, 305-470-5349

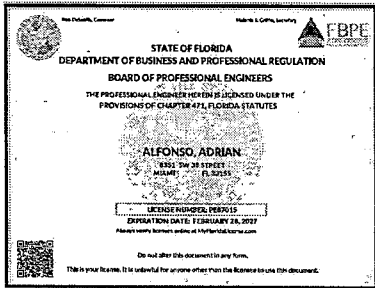
ADDITIONAL WORK HISTORY

- 2007-2009 – Public Information Specialist, FDOT District Six Miscellaneous Construction Contract, Miami-Dade County, FL – Quest Corporation of America – Ms. Diaz acted as lead Public Information Specialist managing over 50 roadway improvement projects throughout Miami-Dade County. She also produced and developed the Department quarterly newsletter and served as a media spokesperson on high-profile projects.
Reference: FDOT Construction Public Information Manager Kathy McLendon, 305-640-7437
- 2007-2008 – Marketing and Label Manager Coordinator, Sony BMG Music Entertainment Latin America, Miami, FL – Ms. Diaz aided with campaign planning and project execution for the Director of Marketing and Label Managers at Sony BMG Music Latin America. She updated and managed online media outlets for the Digital Marketing Division to promote artists (i.e.; Eros Ramazzotti, CAMILA, Barbara Munoz, Gloria Estefan).
Reference: Marlene Rodriguez, 305-608-1698
- 2006-2007 – Account Manager/Journalist El Paso Media Group/El Paso Magazine, El Paso, TX – Ms. Diaz researched, wrote and published article assignments in print media. She handled advertising sales for three publications in the U.S. Hispanic (El Paso Magazine, The El Pasoan and Newspaper Tree Online). She assisted in the coordination of outside events associated with the El Paso Media Group.
Reference: Not Available (Out of Business)
- 2004-2005 – Executive Assistant, The Walker Agency Marketing Communications, Scottsdale, AZ – Ms. Diaz assisted in itinerary planning, press material production and mapping driving routes for the Toyota Scion Press Introduction Campaign. She updated, developed and distributed media exposure reports to national clients: Yamaha, Toyota Motors, Bushnell, Foodsaver, Ducks Unlimited. Assembled promotional media kits and other press materials (i.e. online distribution and mail-outs).
Reference: Owner Mike Walker, 480-483-0185

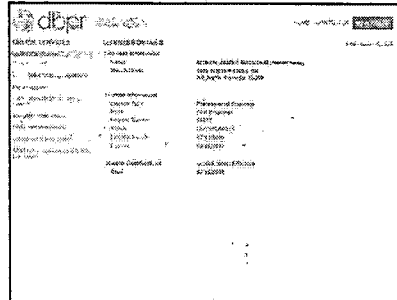


Key Personnel Licenses

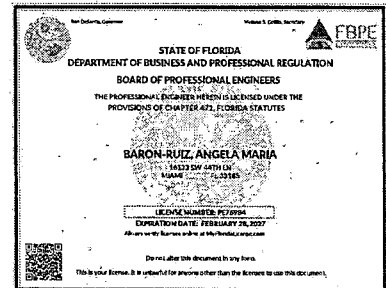
Adrian Alfonso, PE



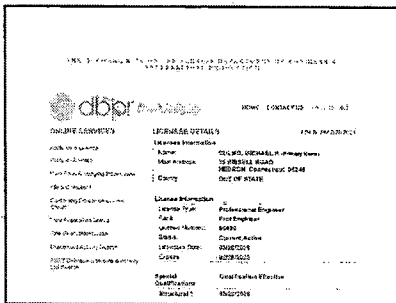
Jim Aitken, PE



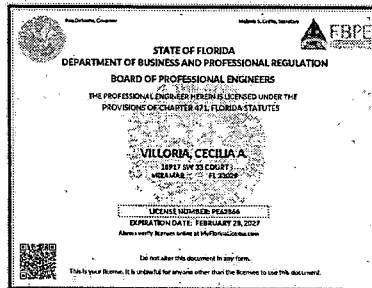
Angela Baron-Ruiz, PE



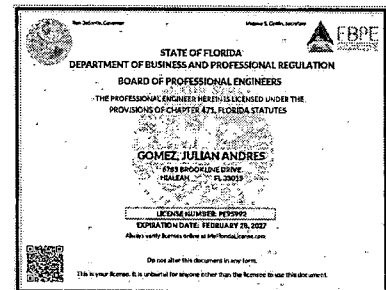
Michael Culmo, PE



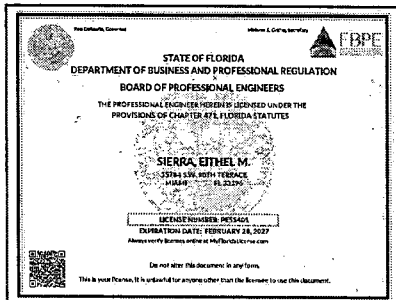
Cecilia Villoria, PE



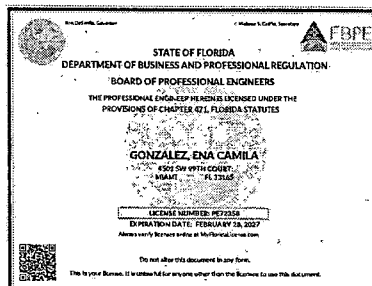
Julian Gomez, PE



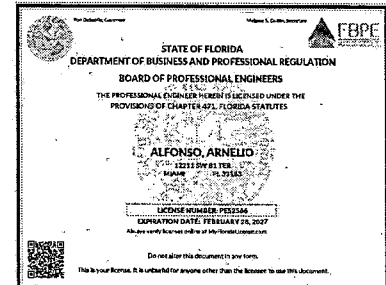
Eithel Sierra, PE



Ena Gonzalez, PE



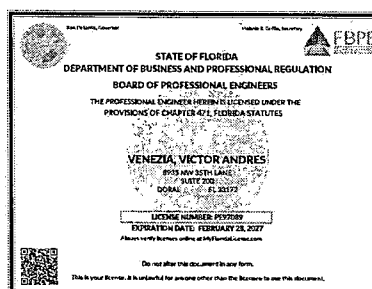
Arnelio Alfonso, PE



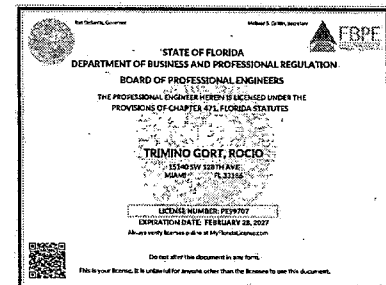
Levi Boyle, PE



Victor Venezia, PE

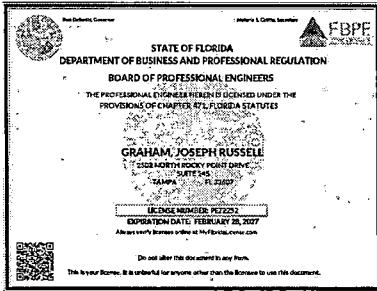


Rocio Trimino-Gort, PE

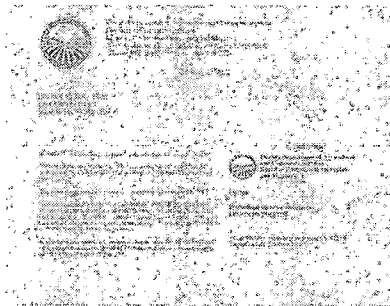


Key Personnel Licenses - Continued

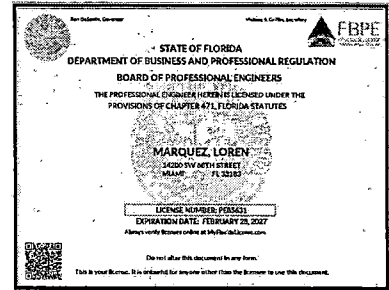
Joseph Graham, PE



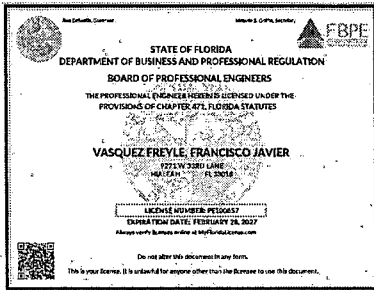
Lisa Tolstoy, PSM (CTS)



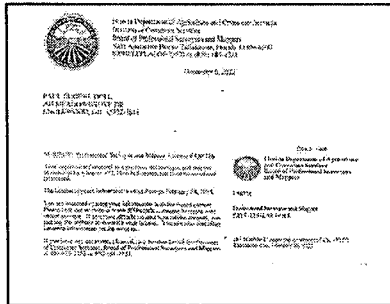
Loren Marquez, PE (LARS)



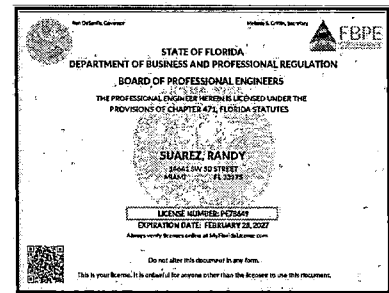
Francisco Vazquez, PE



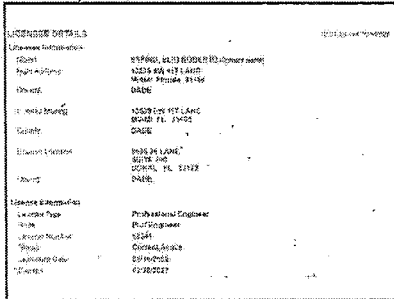
Paul Doll, PSM (CTS)



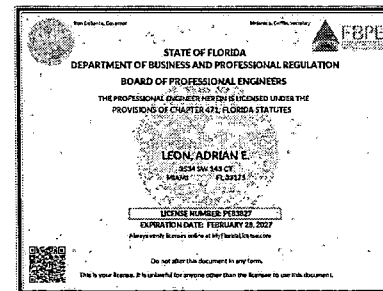
Randy Suarez, PE (LARS)



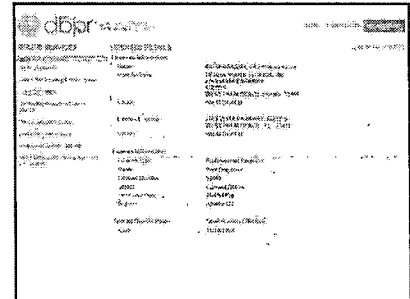
Elio Espino, PE



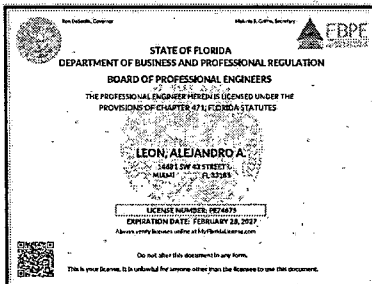
Adrian Leon, PE (LARS)



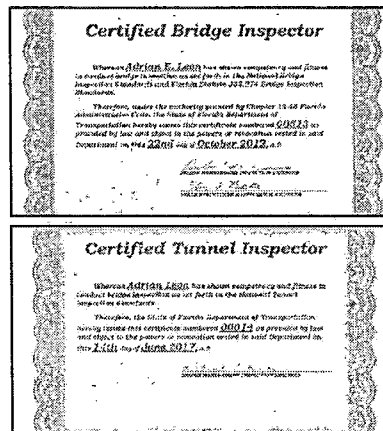
Raj Krishnasamy, PE



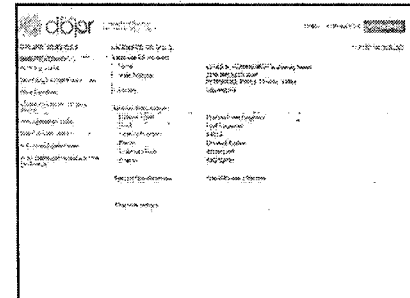
Alejandro Leon, PE



Adrian Leon, CBI & CTI (LARS)



Kumar Vedula, PE



An aerial photograph of a field, possibly a golf course or agricultural land, with a grid overlay. The grid consists of light-colored lines forming a pattern of squares across the entire image. The text is overlaid on the bottom portion of the grid.

TAB 4 - APPROACH
TO SCOPE OF WORK

4. APPROACH TO SCOPE OF WORK

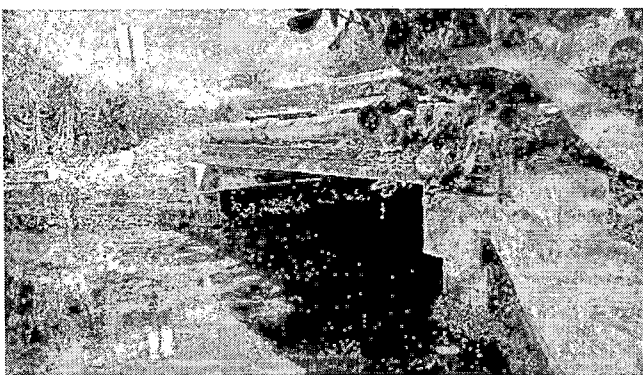
General CHA Experience & Capabilities

CHA is thrilled to submit this Request for Qualifications to provide professional engineering services to the **City of Fort Lauderdale for the Professional Services for Bridge Design & Miscellaneous Engineering Services**. CHA is a multidisciplinary engineering firm with 72 years of national experience and has been serving South Florida for over 25 years, providing services to DOTs and local municipalities. CHA's bridge engineering practice has a long history of successful bridge projects across the country. Our south Florida-based bridge team is supported by **more than 100 bridge and structural design professionals on CHA's staff**, whose expertise will be made available for this project. We have a wide range of structural engineering experience, including the design of concrete bridges, steel bridges, bridge widening, bridge replacements, Accelerated Bridge Construction, culverts, retaining walls, sea walls, pump stations, low-rise buildings, sign structures, mast arms, and special foundations. CHA has extensive experience using the latest design software such as OpenBridge, MIDAS, STAAD, Shoring Suite, Mathcad, and AASHTOWare BrR. CHA is grateful for the opportunity and will provide the City of Fort Lauderdale with high-quality services for the replacement of three bridges and other structural support.

Technical Approach for Bridge Rehab/Replacements & Miscellaneous Structures

The CHA team will manage and design the replacement of the bridge following the latest AASHTO design criteria and the FDOT Structure Manual to bring the crossings up to the latest roadway and structural standards. Our robust in-house design services include structures, roadway, MOT, drainage, utility, water resources, traffic engineering, and CEI. We have added several subconsultants to our team to round out the services needed for this project, including bridge inspections, geotechnical, survey, SUE, and public involvement services. We have structured our team to include a deep bench of resources that provides redundancy in multiple disciplines to deliver this bridge replacement project. In preparation for the RFQ, CHA has reviewed the bridge inspection reports and performed site visits at the three bridge locations identified in the RFQ. The site visits consisted of taking critical measurements, site photographs, and general location information for design, feasibility, and construction purposes. We have developed a technical approach for each bridge location based on this information as well as CHA's past experience with similar types of projects. The approach for each site is presented below:

Bayview Drive Bridge 865708: Bayview Drive North of NE 55th Place



Bayview Drive is classified as an urban collector road, carrying one lane of traffic and a bike lane in each direction, separated by a median, with an estimated ADT of 18,000 and a posted speed limit of 35 mph. The roadway cross-section narrows at the bridge to just two travel lanes with sidewalks and does not contain a median or bike lanes. Bayview Drive Bridge 865708 is a single-span reinforced concrete slab bridge built in 1962, providing a north-south crossing of the Longboat Inlet. The bridge has a current total length of less than 19 feet and a roadway width of 28 feet.

The latest inspection report from 2015 states that the bridge is scour critical and structurally deficient, with a sufficiency rating of 37.3 and a health index of 65.29. The bridge is posted for a maximum weight limit of 24 tons. A "No Thru Trucks" sign is posted north of NE 51st Street. Concrete piles, abutments, deck, and retaining walls contain cracks and spalls with signs of corrosion. At least three concrete piles contain large spalls with exposed rebar. During our field visit, we noticed the northbound railing was damaged from an accident and should be immediately repaired to ensure community safety.

CHA proposes to replace the existing bridge with a new single-span deck slab bridge to provide the required clearance and hydraulic opening while maintaining the existing vertical profile. Other superstructure alternatives, such as flat slab beams and solid deck slab beams, will be considered due to their time-saving benefits. A new abutment on prestressed concrete piles will be designed to support the bridge, along with a new seawall for scour protection. A widened typical section on the new bridge will be proposed to the City for review to provide a continuation of the bike lanes on Bayview Drive, as well as improve roadway geometrics to meet current standards. We propose to use a road closure and temporary offsite detour at this site, as this will be the fastest and least expensive method for the bridge replacement. There are several alternate routes available for the detour.

KEY CHALLENGES	POTENTIAL IMPACTS	CHA VALUE APPROACH
<p>Environmental Bayview Drive Bridge is in an aggressive environment. The site contains marine life near the structure as well as vegetation.</p>	<p>The potential impacts include lengthy permit application processes and establish measures to protect the environment.</p>	<p>Coordination with the environmental agencies will begin early in the design to obtain necessary permits for construction. Erosion and turbidity control measures will be implemented in the design of bridge replacement.</p>
<p>Constructability/MOT This bridge is located on Bayview Drive and serves as a through street connecting NE 55 Street to NE 59 Street.</p>	<p>Using a road closure and temporary offsite detour offers the safest alternative for the contractor and community when replacing the bridge but will also create inconvenience for the local community while the bridge and roadway are closed.</p>	<p>CHA will analyze several alternatives to determine the least impactful solution to the community while optimizing the construction. These alternatives will include reviewing Phased Construction and Accelerated Bridge Construction (ABC) alternatives. Phased construction will permit traffic during construction, while ABC will replace the bridge with the shortest possible road closure duration.</p>
<p>Utilities Bridge 865708 contains a 12" D.I.P. watermain on west side, and a 10" D.I.P. force main, 4" PVC, and 6" PVC on east side. There are overhead powerlines 15 ft. east of the bridge with the nearest pole 45 ft. north of the end of the bridge. Owners of the utilities include Comcast, AT&T, and Teco Gas.</p>	<p>Utility relocations can add significant time to the construction schedule if they are not coordinated with the utility owner to give them the lead time to design and plan the relocation.</p>	<p>CHA has already investigated the utility owners and will establish coordination at the beginning of the project. Bypasses to relocate existing attached pipelines will be evaluated on this project. Our water resources team has a strong history of water and sewer relocation projects containing aerial crossing replacements, including for the City of Fort Lauderdale.</p>

SE 13th Street Bridge 865765: SE 13th Street and 100 ft east of Cordova Road

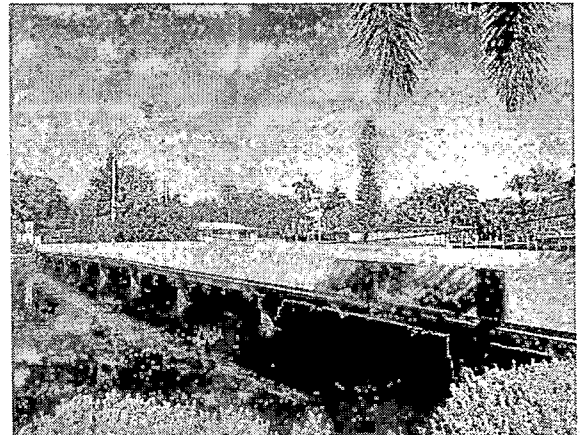
SE 13th Street is classified as an urban local road carrying two-way traffic with an estimated ADT of 1,500 and a posted speed limit of 25 mph. SE 13th Street Bridge 865765 is a multi-span concrete deck bridge on concrete tee beams built in 1952, providing residential access across the Cerro Gordo River, which is subject to tidal influences. The existing bridge has a total length of 180 feet, a roadway width of 20.5 feet, and a sidewalk width of 2.5 feet.

The latest inspection report from 2024 states that the bridge is posted and is functionally obsolete due to the deck geometry, with a sufficiency rating of 22.2 and a health index of 52.1. The bridge superstructure (double-tee beams) contains multiple



locations of spalling and exposed reinforcement. Although the bridge deck is not visible, there are various transverse cracks on the asphalt overlay. The SE wing wall shows undermining where there is loss of backfill. The end bent cap and piles have minor cracks and delamination, with exposed rebar or corrosion stains in a few areas. The superstructure shows cracks, delamination, spalls, and exposed rebar, with 8 beams requiring repairs.

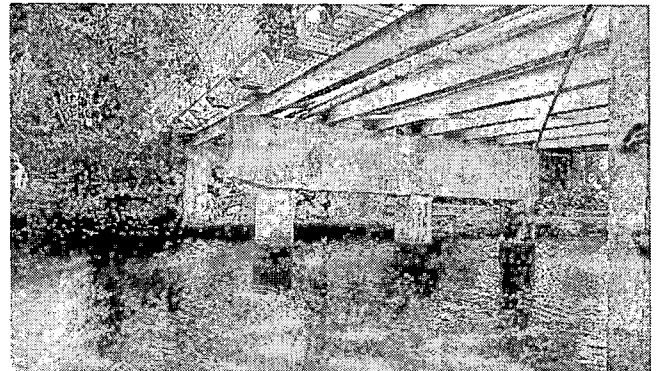
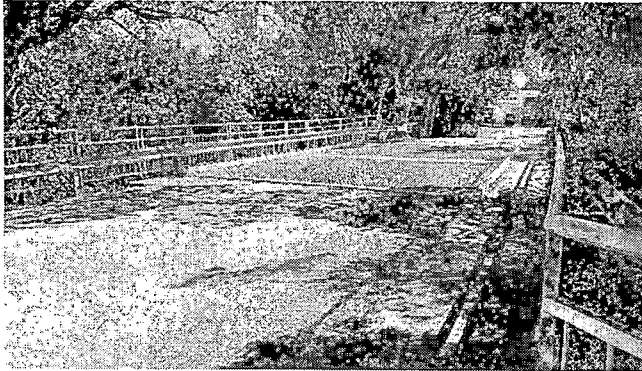
CHA proposes to replace this bridge by using Florida slab beams (FSBs) or solid deck slab beams to minimize the number of spans while optimizing the canal clearance and avoiding any changes to the vertical profile. The superstructure will be supported on new pile bents. The end bents will be protected from scour by a new sea wall. Although there is very limited right of way, widening the bridge cross-section will provide the optimum lane width and required sidewalk width for ADA compliance. CHA will use a phased construction approach for the bridge replacement to maintain access during construction, as there are no available detour routes for residents.



KEY CHALLENGES	POTENTIAL IMPACTS	CHA VALUE APPROACH
<p>Environmental Project site falls within the Manatee Protection Zone. Environmental classification for this bridge is extremely aggressive.</p>	<p>The potential impacts include lengthy permit application processes and establish measures to protect the environment and marine life.</p>	<p>Early coordination with agencies will allow us to obtain permits in a timely manner. In addition to erosion and turbidity control, the bridge design and construction will comply with the Standard Manatee Conditions for In-Water-Work, National Marine Fisheries Service's Protected Species Construction Conditions.</p>
<p>Constructability/MOT This bridge is located on SE 13th Street and is the only access to a residential neighborhood of approximately 170 homes.</p>	<p>Replacement of the bridge is anticipated to be a combination of phased construction and temporary nighttime bridge closures. Traffic monitoring and temporary signals will be used to provide safety during construction when two-way traffic is maintained on a single lane.</p>	<p>CHA will propose the construction method which will be the least impactful to the local residences. Limiting the number of spans will accelerate pile driving operations. Combining this approach with precast elements will be considered to limit temporary lane closures on the bridge. CHA will also investigate ABC alternatives specific to this site that will reduce the duration of the bridge construction to greatly reduce the impacts to the local community.</p>
<p>Utilities Bridge 865765 contains an 8" watermain, 6" force main, 9" steel conduit, and a 9.5" PVC between beam 1-3. In addition, there is a 16" outfall on the west seawall just north of bridge, an AT&T cabinet on SW corner of the west approach, and an overhead utility along the north side of the bridge with low clearance.</p>	<p>Utility relocations can add significant time to the construction schedule if they are not coordinated with the utility owner to give them the lead time to design and plan the relocation.</p>	<p>CHA will establish utility coordination at the beginning of the project. Any anticipated relocation of utilities such as the cabinet will be requested to be completed during the design phase of the project. Our Team has experience in relocating water and sewer lines attached to bridges without interruption of services.</p>



NE 1st Street Bridge 865727: NE 1st Street and 200 ft east of Victoria Park Road



NE 1st Street is classified as an urban local road carrying two-way traffic with an estimated ADT of 832 and a posted speed limit of 25 mph. NE 1st Street Bridge 865727 is a two-span steel bridge on stringers and girders built in 1940, providing residential access across the Rio Navarro Canal, which is subject to tidal influences. The existing bridge has a total length of 44.5 feet with a roadway width of 23.9 feet.

The latest inspection report from 2024 states that the bridge is structurally deficient due to the deck geometry, with a sufficiency rating of 9.2 and a health index of 94.46. The bridge superstructure (stringers and girders) contains multiple locations of corrosion and painted section losses. Cracks and spalls are present throughout the end bent caps. There are signs of settlement at one of the bents, and there is soil undermining below the sidewalk and at the edges of the approach slabs. Superstructure deflection was noticeable during our field visit when vehicles crossed the bridge.

CHA will propose to replace this bridge with a single-span concrete bridge using a low-profile superstructure such as FSBs or solid deck beams. The new bridge will be supported by deep foundation prestressed concrete piles. The use of micro-piles or drilled shafts will be evaluated to limit the vibration and construction impacts near the local parks and residences. A new retaining wall will be designed to address the existing undermining of soils. Widening of the overall bridge cross-section is not anticipated at this location given the existing overall bridge width and limited right of way.

KEY CHALLENGES	POTENTIAL IMPACTS	CHA VALUE APPROACH
<p>Environmental NE 1st Street Bridge is in an extremely aggressive environment. This location falls in between two local parks with wildlife and vegetation.</p>	<p>The potential impacts include lengthy permit application processes and establish measures to protect the neighboring parks and marine life.</p>	<p>Coordination will begin in the early stages of the design to ensure all permits are obtained from the environmental agencies. Erosion and turbidity control measures will be implemented in the design of the bridge replacement. A wildlife survey of the area will also be considered given the proximity of the parks.</p>
<p>Constructability/MOT This bridge is located on NE 1st Street and serves as the sole connection for a residential neighborhood of 30 homes.</p>	<p>Replacement of the bridge is anticipated to be a combination of phased construction and temporary nighttime bridge closures. Although there is not heavy traffic on this bridge, Victoria Park Road 150ft west of the bridge has a high traffic volume and could be impacted during construction.</p>	<p>CHA will investigate the most cost-effective solution that will minimize the impacts to the neighborhood, Annie Beck Park, and Victoria Park. Staging at a nearby area or barge will be evaluated. Temporary signals will be implemented for added safety during construction. CHA will investigate ABC alternatives specific to this site that will reduce the duration of the bridge construction to greatly reduce the impacts to the local community.</p>
<p>Utilities Bridge 865727 contains a 6" D.I.P watermain, 6" PVC force main, and a 2" utility pipe. Owners of the utilities include Comcast, AT&T, and Teco Gas.</p>	<p>Utility relocations can add significant time to the construction schedule if they are not coordinated with the utility owner to give them the lead time to design and plan the relocation.</p>	<p>CHA will work with the utility owners to seamlessly replace pipes and other communication lines during the construction of the project by establishing their requirements early in the design. A temporary by-pass lines will be necessary to avoid service interruption.</p>



Structures



PROJECT DESIGN APPROACH

Once CHA receives the NTP for this project, we will establish a kickoff meeting and determine the best alternative for a bridge replacement. We will provide the City with our Bridge Development Report (BDR), detailing the new bridge geometry, environmental impacts, constructability, and cost comparison of the most effective solution. In addition to analyzing the best replacement alternative for the bridges, we will investigate the use of corrosion-resistant materials, fiber-reinforced polymer (FRP) composites, GFRP, ultra-high-performance concrete (UHPC), chloride-resistant concrete admixtures, increased concrete cover, and precast bridge elements to maximize the durability of the new structure. CHA has extensive experience with various types of bridge replacements.



ACCELERATED BRIDGE CONSTRUCTION (ABC) EXPERIENCE

Construction duration can be reduced with ABC techniques using prefabricated bridge elements (PBES), including superstructure and substructure elements. Although staged construction is feasible at all three locations, implementing ABC techniques will be evaluated. CHA has several recent GDOT projects where we are using ABC to accelerate the project construction timeline and reduce impacts on the community that uses this road daily. Reducing the construction duration even by a few weeks can have a big impact on gaining community acceptance of a project.

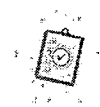
Widely known as the 'Fast 14' project, the CHA bridge team provided engineering services for the replacement of 14 bridges (41 spans) in 10 weekends on the multilane I-93 in Medford, Massachusetts. The White Boulevard Bridge over Golden Gate Canal in Collier County saw the implementation of ABC methods by using precast bents and prestressed double-tee deck beams. CHA is currently using ABC to replace a bridge using precast concrete deck panels on GDOT's Tucker Road over Rocky Creek to reduce the road closure and detour to just 60 days. We have experience and success on other projects using ABC, including the award-winning Blackhall Road over Rum Creek Bridge (GDOT), which used a Decked Beam ABC approach to replace the bridge in under 60 days. This project was the winner of the 2021 Precast Concrete Institute Award for Bridges.

CHA developed an ABC decision matrix (DM) that has been used successfully by several DOTs to evaluate the suitability of ABC methodologies. CHA's ABC DM evaluates construction operations and management costs with user delay costs due to traffic control through detouring, alternating one-way traffic, or reduced lanes. CHA will use the ABC DM to determine the most cost-effective optimal solution with the shortest disruption and start early coordination with the City of Fort Lauderdale, as well as all stakeholders, for determining the best MOT selection.



CLIMATE RESILIENCY AND SEA LEVEL RISE

We are familiar with the City's ordinance requiring shoreline structures to be designed and constructed as tidal flood barriers with a minimum top elevation of five (5) feet NAVD88. For the bridge replacement projects identified, CHA will evaluate the need and feasibility to raise the bridge profile at each location by analyzing the sea level rise requirements and site-specific conditions such as existing elevations at touchdown points and proximity to residential properties. A new abutment and seawall consisting of sheet piles or pile and panel will ensure a stable foundation for the new structure to meet high-water elevations. The wall type will be selected based on the geotechnical conditions, required wall height, ease of constructability, and cost. In addition, an extended abutment with a new seawall can provide additional area as a temporary abutment for accelerated bridge construction methods to provide added protection and reduce bridge closure times. CHA also has experience working with Kind Designs for their innovative and environmentally friendly living seawall solutions.



BRIDGE INSPECTION, CONDITION ASSESSMENT, AND STRUCTURAL INTEGRITY EVALUATION

Alongside LARS Engineering, our approach is focused on maximizing the safety of the public and effectively completing the inspection of all bridge elements. Our team will coordinate a pre-inspection meeting with the City of Fort Lauderdale to evaluate access, ongoing projects on the bridge, and determine the total resources to be allocated to complete the inspection as per the project schedule. The inspection prep starts by having an in-house pre-inspection meeting that involves all inspection team members, senior structural engineers, and the

QA/QC officers to review the previous two inspection reports to evaluate bridge location for accessibility options, special equipment needs, underwater inspection requirements, identify locations of maximum stress, known critical deficiencies, non-destructive testing requirements, determine the amount of manpower required, and review safety and emergency procedures. During the preparation phase, the inspection's complexity, certifications, and experience requirements are evaluated to assign only the most qualified staff to specific tasks. During the inspection, elements will be inspected for corrosion, delamination, spalling, efflorescence, cracks, deflection, distress, impact damage, corrosion bleed-out, etc. Detailed documentation will be obtained during the inspection, including the exact location of deficiencies and quantities. For a better understanding of the deficiencies, pictures and sketches will be provided.



ROADWAY

Roadway improvements such as changes to profile will be analyzed if necessary to meet new design criteria and water clearances. However, any profile modifications will be minimized to ease harmonization. Railings on the approaches and on the bridges will meet the most up-to-date MASH standards to protect vehicles as well as pedestrians and will meet height requirements. For the Bayview Drive Bridge, CHA will analyze widening the overall roadway cross-section on the bridge to match the existing cross-section on Bayview Drive. A shared-use path or bike lane and sidewalk alternative will be coordinated with the City of Fort Lauderdale. Bridge widening for the SE 13th Street and NE 1st Street Bridges will be limited due to right-of-way restrictions, and providing sidewalks on both sides of the bridge is unlikely. A minimum lateral offset to the barrier on the north side and a sidewalk on the south side meeting ADA compliance will be proposed for those two bridges with the approval of the City.



TRAFFIC MONITORING CAPABILITIES

CHA also has the capability to provide active work zone management, including VISM modeling, SYNCRO modeling, and modification of signal timing to facilitate traffic movement in the areas. The use of cameras, drones, and TOM HUB (in-house live traffic software) are also available if needed. The use of temporary signals is anticipated for these bridge replacements as two-way traffic must be maintained on a single lane during phases of the construction.



GEOTECHNICAL

Tierra South Florida and CHA performed an initial review of the sites, and we concluded that a similar approach will be taken for all three locations. Based on our experience in this area, the subsurface typically consists of granular soils with a varying mix of sand, limestone, and cemented sand. A more thorough geotechnical investigation will be conducted to establish potential foundation alternatives suitable for the environmentally aggressive locations. The Broward County Future Conditions 100-year flood map for 2060 currently lists the 100-year flood elevation in this area as varying from about +4.5 to +7.5 (NAVD88). Pavement cores and borings will be performed to determine the existing pavement thickness and subsurface conditions. We anticipate the following geotechnical challenges for these locations: limited working space, MOT requirements for pavement cores and borings, and utility coordination. Fieldwork will need to be coordinated and performed at times and locations that will minimize impact on residents. 18-inch and 24-inch prestressed, precast square concrete piles are typically used to support these bridges. There are nearby existing residential buildings and various utility lines present at the bridge locations to account for vibration/settlement during foundation and pile driving operations. Vibration control, monitoring, pre-construction, and post-construction surveys will be required by sections 108 and 455 of the FDOT Specifications. Predrilling of pile holes will be considered to minimize vibration. 100% PDA will be considered to reduce pile loads. Alternate foundation types such as drilled shafts (with casing installed via non-vibratory methods), H-piles, or micro-piles will also be considered in these areas.



UTILITY COORDINATION APPROACH

Given the extensive scope of this reconstruction project, which includes the replacement of three bridges and the presence of various utilities at each crossing, a thorough and dynamic utility coordination effort will be essential for this contract. Lissette Guon will serve as the dedicated point of contact and Utility Project Manager for our team, overseeing potential relocations and minimizing conflicts through early coordination with all Utility Agency Owners (UAOs) involved. Our utility coordination process will begin with a Sunshine State One Call Ticket request to identify



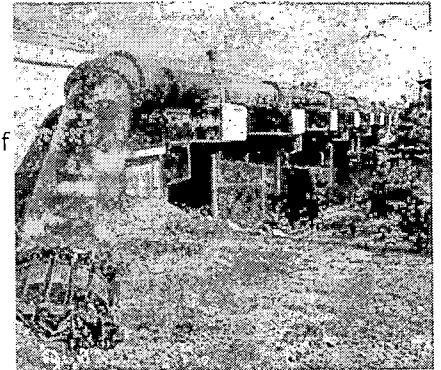
all existing utilities within the project corridor. To ensure uninterrupted service during the bridge replacement, we will maintain close coordination with all UAOs. This includes open communication regarding potential conflicts, new installations, and necessary relocations. Our team will schedule meetings, produce conflict matrices, conduct constructability reviews, and oversee any required relocations to maintain service equivalency.

All coordination efforts will adhere to the Utility Accommodation Manual, as well as the City of Ft Lauderdale, Broward County, and FDOT requirements. Additionally, our design will ensure UAOs retain access to maintenance activities while the bridges are under construction. Maintaining proactive coordination with all UAOs is our priority to prevent delays and ensure seamless project execution during construction. Our team's expertise in utility coordination positions us for success in managing utility relocations effectively.

WATER & SEWER AERIAL CROSSINGS

The replacement of the existing water and sewer mains attached to the bridges will require careful coordination with the City of Fort Lauderdale to ensure that flows are maintained at all times. This will necessitate the installation of an on-grade bypass while the mains are being replaced. Our team has developed a proposed solution to replace these lines, consisting of three phases:

- **Phase 1:** Install a temporary bypass and remove the existing water and sewer mains attached to the bridge.
- **Phase 2:** Transfer the flow from the existing mains to the temporary bypasses and install the new lines on the new bridge.
- **Phase 3:** Certify and put into service the new water and sewer mains and remove the temporary bypasses.



DRAINAGE

Runoff from the Bayview Drive Bridge currently drains to adjacent ditch bottom inlets to the north of the bridge and to the south intersection through an existing valley gutter. Runoff from the SE 13th Street Bridge currently sheet flows to the east and west with no apparent collection or treatment, while runoff from the NE 1st Street Bridge currently discharges directly into the Rio Navarro Canal.

The design of all bridges will comply with FDOT's requirement to maintain a minimum 2-foot vertical clearance above the design flood stage. Although no additional impervious surfaces are proposed, water quality treatment for bridge runoff is required. To address this, short segments of exfiltration trenches will be incorporated to treat and attenuate runoff. Direct discharge into surface waters is not permitted; therefore, all bridge runoff will be contained within the shoulders and directed to adjacent inlets or collected by bridge scuppers before discharging into nearby drainage structures. Additionally, spread analysis will be conducted at all locations to ensure runoff is contained within the shoulder limits. A Bridge Hydraulics Report will be prepared to ensure that post-development water levels in each water body remain at or below pre-development conditions.

ENVIRONMENTAL PERMITTING

CHA and McFarland Johnson have performed an initial review of the environmental requirements for the replacement of the three bridges.

The review concluded that there will be similar requirements at all three locations. Depending on the final design and in-water works, coordination with the following regulatory agencies will be required for the following potential design and construction permits:



- SFWMD
 - ✓ Environmental Resource Permit
 - ✓ Submerged Land Authorization (exemption can be requested if no change to footprint of existing bridge).
- Broward County
 - ✓ ERP / Stormwater License / Wetland / Surface Water License
 - ✓ Right of Way Permit
 - ✓ MOT Permit
- U.S. Army Corps of Engineers
 - ✓ Section 404 / Section 10 Permit (likely a Nationwide Permit 14)
- Fort Lauderdale
 - ✓ Right of Way Permit
- U.S. Coast Guard
 - ✓ No Bridge Required Request
 - ✓ Notification to Mariners



LIGHTING

Currently there is no lighting on any of the bridges. Lighting requirements for vehicles and pedestrians will be considered and coordinated with the city.



SURVEYING & MAPPING/SUE

CHA has partnered with CTS Engineering, Inc., for surveying, mapping and SUE services. CTS is well-equipped to support the City of Fort Lauderdale on the bridge design and structural engineering services contract through their extensive capabilities and expertise. With decades of experience in surveying and geospatial services, CTS utilizes cutting-edge technology such as 3D laser scanning and LiDAR to ensure precise data collection. Their multidisciplinary team, including Professional Surveyors and Mappers (PSMs) and FAA-certified drone operators, brings a wealth of knowledge to the project. CTS's proven success in handling infrastructure projects, compliance with subsurface utility engineering standards, and strong QA/QC processes ensure accuracy and reliability in all deliverables. Additionally, their experience working with municipal and county agencies across Florida, combined with a focus on sustainability, makes them a valuable partner on this contract. Their services include:

- Roadway Design Surveys (2D/3D)
- Subsurface Utility Engineering (SUE)/Ground Penetrating Radar (GPR)
- Topographic/DTM Surveys
- Horizontal & Vertical Control
- GPS Surveying
- Right-of-Way Mapping
- Boundary Surveys
- Legal Descriptions & Sketches
- ALTA/NSPS Land Title Surveys
- Lidar/Terrestrial
- Construction Surveys
- Drainage Surveys
- Differential Leveling
- Specific Purpose Survey
- Bathymetric/Hydrographic Surveys
- As-Built/Record Surveys
- Quantity Surveys
- GIS
- Aerial Photo Control Surveys for Mapping
- Unmanned Aerial Vehicles (UAV) Services





PUBLIC INVOLVEMENT

CHA has partnered with ISC for public involvement requirements on these critical bridge replacements for the local communities.

Design Phase Outreach

During the design phase, ISC will prioritize early engagement to inform stakeholders about project objectives, gather feedback, and address potential concerns before construction begins. ISC will develop a Community Awareness Plan (CAP) that outlines engagement efforts, including coordination with local agencies, municipalities, and emergency services. Special emphasis will be placed on collaboration with the City of Fort Lauderdale to ensure that outreach strategies align with City priorities and communication protocols. Outreach materials will be available in English, Spanish, and Haitian Creole to ensure accessibility for diverse populations. ISC will facilitate public meetings, open houses, and virtual engagement opportunities to provide project updates and solicit community input. Additionally, a dedicated project website, social media updates, and email notifications will be utilized to keep stakeholders informed.

Stakeholder coordination during this phase will focus on engaging homeowners’ associations (HOAs), local businesses, schools, and emergency responders to identify specific needs and concerns. ISC will also leverage the City of Fort Lauderdale’s communication channels, such as community newsletters, city social media accounts, and website postings, to ensure widespread dissemination of project information. Interactive virtual tools, such as online surveys and interactive project maps, will further enhance public participation and enable residents to provide input efficiently. These efforts will ensure that design considerations align with community expectations and minimize disruptions once construction begins.

Construction Phase Outreach

As the project transitions to the construction phase, ISC will shift its focus to ensuring clear and timely communication about construction impacts, lane closures, detours, and schedule updates. A proactive communication strategy will include issuing construction notifications at least two weeks before major traffic changes, supported by electronic variable message signs (VMS) at key locations. Direct mail and door-to-door outreach will be utilized to reach residents and businesses most affected by construction activities.

Collaboration with the City of Fort Lauderdale will remain integral during this phase. ISC will work closely with city officials and departments to coordinate messaging and ensure timely responses to public inquiries. The city’s emergency management and transportation departments will be engaged to mitigate disruptions and provide real-time updates to residents.

To enhance public engagement, ISC will integrate innovative outreach methods, including real-time construction updates via SMS text alerts and mobile notifications. Social media and geotargeted digital ads will efficiently disseminate construction updates, while drone video and photography will provide visual documentation of project progress. Interactive virtual engagement tools will continue to be available for public feedback, and a designated community liaison will be available to address concerns and provide direct communication between the project team, the City of Fort Lauderdale, and the public.



INFORM



Best Practices and Ongoing Engagement

To ensure transparency and public trust throughout the project, ISC will implement best practices for public engagement at key milestones. Hybrid meeting formats will allow for both in-person and virtual participation, ensuring accessibility for all stakeholders. Multilingual communication will remain a priority, with translated materials and interpreters available at public meetings. ISC will also maintain multiple feedback mechanisms, including online forms, phone hotlines, and in-person events, to encourage ongoing public input.

ISC suggests coordinating regularly with the City of Fort Lauderdale to ensure messaging consistency, avoid communication gaps, and integrate project updates into the city’s outreach initiatives. Throughout both the design and construction phases, ISC will document and report all outreach activities, public comments, and responses to ensure accountability. Regular updates will be shared through the project website, city communication platforms, and navigation apps to keep the community informed of traffic impacts and progress.

ISC’s comprehensive public involvement approach will ensure that affected communities remain engaged and well-informed from project planning through completion. By leveraging a combination of traditional and innovative outreach methods and working in close collaboration with the City of Fort Lauderdale, ISC will effectively communicate project impacts, mitigate disruptions, and foster a strong, cooperative relationship between ISC, the project team, city officials, and the community.

Project Management

CHA’s PM approach begins with the organization of our team. With over 11 years of experience, **Adrian Alfonso, PE, will be the main point of contact for the City of Fort Lauderdale.** Adrian has overseen and managed the N. Miami Ave design-build bridge replacement, the City of Miami Seawall replacement at eight locations, and has multiple years of experience managing bridge and structures projects. We will use an effective management approach to distribute and clearly define the responsibilities of the project team, with the Project Manager and discipline leaders coordinating and working together to meet the project deliverables and schedules. The technical design and plans development are managed by the discipline leader of each specialty, including quality checks of the final deliverable. This approach is outlined by our internal PM certification process and is very efficient in distributing the responsibilities to the accountable project team members.



A collaborative environment is provided using cloud-based systems, such as ProjectWise and Teams, to share project files and communicate with our teaming partners, clients, regulatory/utility agencies, and the public. The project schedule will be discussed at the kick-off meeting and updated regularly at the submittal stages.

This proven approach makes it easy for managers to oversee the project scope and for the CHA leadership to monitor the project status at all levels, from the individual technical design team to the overall progress of the project.

CHA has developed a Project Management Process to Consistently Deliver Successful Projects and Client Satisfaction



LISTEN
To clearly understand expectations



RESPOND
To inquiries quickly and efficiently



DOCUMENT
Meetings and communications accurately

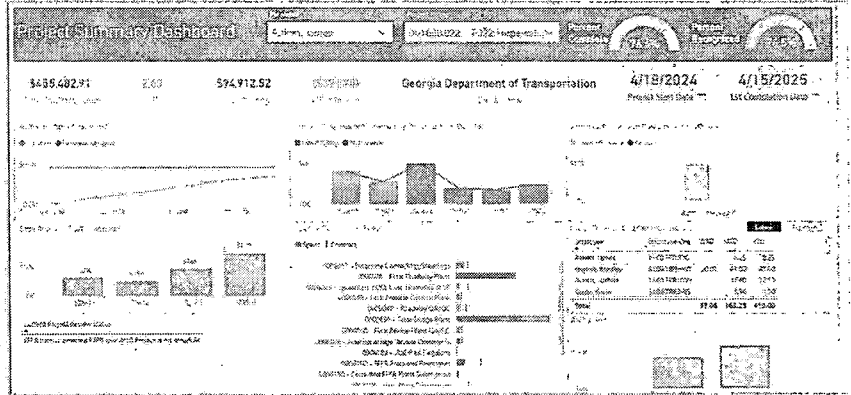


REPORT
Project progress with clarity



Project Controls

Project Controls include the management of budgets, schedules, and resources. CHA PMs use our PM Dashboard tool in Power BI to monitor project budgets, project schedules, and overall project financial health. The ability to monitor schedules and budgets in real-time allows the PM to make decisions quickly so information can be accessed and shared with the team. Information is linked to our accounting system and provides real-time updates on each project, including invoices, sub-consultant payments, and weekly labor hours and charges. This also allows the PM and discipline leads to review resource needs to meet upcoming project milestones and deliverables.

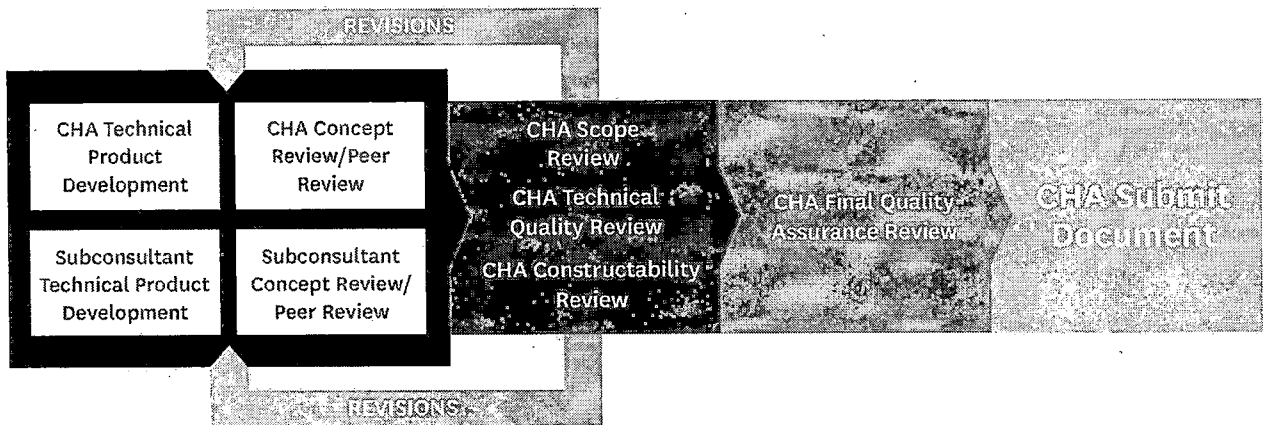


CHA's Project Manager Dashboard Tool for managing budgets, schedules and resources.

Quality Control (QA/QC)

At CHA, we are committed to planning, executing, and delivering quality. **Mike Culmo, PE**, will lead the QA/QC for bridges and structures, while **Eithel Sierra, PE**, will oversee roadway QA/QC. All subconsultants are required to adhere to CHA's QC Plan. CHA will deliver quality work to the City of Fort Lauderdale by clearly defining critical project team roles and responsibilities, instituting high standards of ownership and accountability, and leveraging technology to optimize team coordination and collaboration. CHA's Quality Management Systems (QMS) fortify the traditional "Red, Yellow, Green" quality control and quality assurance processes with the attributes of Bluebeam technology. As a cloud-based collaboration tool, Bluebeam efficiently drives and documents the quality review and resolution process, not only by supporting discipline-specific reviews during design development but also by improving the efficiency of coordinated multi-discipline reviews before milestone delivery.

As a value-added service, CHA also designates a senior professional to perform independent peer reviews and provide consultation for constructability and risk management/mitigation. CHA's chief engineer, Tom Karis, PE, will have a vested role in project quality by inspiring the team to perform at the highest levels of quality consistency, predictability, and repeatability. CHA will not advance or submit any work product or deliverable until it has been through a rigorous quality review process.

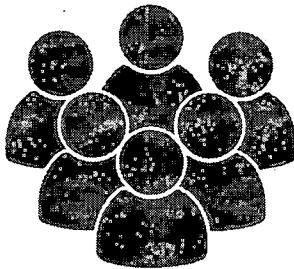


Current and Projected Workload

Our proposed key personnel are available to undertake this assignment successfully. At CHA, current and projected workloads are analyzed weekly to allocate resources appropriately. As projects are initiated, the necessary technical and support resources are allocated to meet or exceed all project requirements. With staff utilization ranging from 40-100%, we maintain an average uncommitted staff effort of 70%.

CHA's local structures and bridge group currently handles a mixed workload of bridge design, miscellaneous structures design, and post-design services. The South Florida structures team will prioritize the design and replacement of the City of Fort Lauderdale Bridges as one of its main engineering projects. Most of our larger projects are currently in post-design services and nearing the end of construction.

CHA is committed to providing the City of Fort Lauderdale with the necessary resources to complete the bridge replacements effectively and in a timely manner, thereby improving the infrastructure for the community. Our local team is backed by over 100 structural engineers nation-wide, ensuring we can complete any assignment on this contract within time and budget. We are here to support the City of Fort Lauderdale and act as an extension of your staff.



Having provided engineering services to municipal governments for over 72 years, CHA recognizes the pressures municipal officials confront, including budgets and project schedules. We will work collaboratively with the city as a true partner to have sufficient staff, equipment, and systems available to meet or exceed your expectations with our deliverables. **With a bench strength of over 1,900 professionals, we do not foresee any issues meeting deadlines.**

Our team is well-equipped and has the resources available to handle any upcoming tasks related to this City of Fort Lauderdale contract. Please see below a list of our local structures team's active major projects, along with their estimated completion dates:

PROJECT	AGENCY	BEGIN DATE	EST. END DATE	BUDGET
Opa-locka Executive Airport Proposed Bridge and Culvert Design	Miami-Dade County WASD	2018	On-Going Est. 2026	\$270,000
North Miami Avenue Bridge Replacement	Miami-Dade County DTPW	2018	2025	\$400,000
Traffic Operations Push Button Miscellaneous Structures Support	FDOT District 6	2023	On-Going Est. 2026	\$150,000
Miami International Airport Bridge 874635 Rehabilitation Professional Services	Miami-Dade County Aviation Department (MDAD)	2021	On-Going Est. 2025	\$400,000
City of Miami Beach Seawall Replacement (Seawalls 4, 5, and 6)	City of Miami Beach	2022	On-Going Est. 2025	\$281,000
City of Miami Seawall Rehabilitation and Replacement at 8 Locations	City of Miami	2024	On-Going Est. 2026	\$442,000
Okeechobee Road Reconstruction	FDOT District 6	2016	On-Going Est. 2025	\$9.2M



Preliminary Schedule for Bridge Replacement

ID	Task Name	Duration	Start	Finish
1	RFQ 423 Bridge Design and Miscellaneous Structures Engineering Services Proposed Schedule	635 days	Mon 5/12/25	Fri 2/5/27
2	Bridge Replacement Design	635 days	Mon 5/12/25	Fri 2/5/27
3	Issue Design NTP	1 day	Mon 5/12/25	Mon 5/12/25
4	Preliminary Investigations, Field Reviews, Technical Meetings	60 days	Tue 5/13/25	Fri 7/11/25
5	Topographical Survey	60 days	Tue 5/13/25	Fri 7/11/25
6	Geotechnical Investigation and Report	60 days	Tue 5/13/25	Fri 7/11/25
7	Benthic / Resource Survey and Report	60 days	Tue 5/13/25	Fri 7/11/25
8	Utility / SUE	60 days	Tue 5/13/25	Fri 7/11/25
9	Bridge Development Report and 30% Submittal	135 days	Thu 6/12/25	Fri 10/24/25
10	Develop Report and 30% Plans	90 days	Thu 6/12/25	Tue 9/9/25
11	QC Review	7 days	Wed 9/10/25	Tue 9/16/25
12	Submittal of Report and 30% Plans	1 day	Wed 9/17/25	Wed 9/17/25
13	City of Fort Lauderdale Review	30 days	Thu 9/18/25	Fri 10/17/25
14	Review and Respond to City Comments	5 days	Mon 10/20/25	Fri 10/24/25
15	60% Submittal / Permit Submittal	254 days	Mon 10/20/25	Tue 6/30/26
16	Develop 60% Plans and Calculations	89 days	Mon 10/20/25	Fri 1/16/26
17	QC Review	5 days	Mon 1/19/26	Fri 1/23/26
18	60% Submittal	1 day	Mon 1/26/26	Mon 1/26/26
19	City of Fort Lauderdale Review	30 days	Tue 1/27/26	Wed 2/25/26
20	Review and Respond to City Comments	5 days	Thu 2/26/26	Mon 3/2/26
21	SFWMD Environmental Permit	120 days	Tue 3/3/26	Tue 6/30/26
22	SFWMD Submerged Lands Permit	120 days	Tue 3/3/26	Tue 6/30/26
23	Broward County ERP Permit	120 days	Tue 3/3/26	Tue 6/30/26
24	Broward County ROW Permit	120 days	Tue 3/3/26	Tue 6/30/26
25	USACE Section 404 / Section 10 Permit	120 days	Tue 3/3/26	Tue 6/30/26
26	Fort Lauderdale ROW Permit	120 days	Tue 3/3/26	Tue 6/30/26
27	US Coast Guard Permit	120 days	Tue 3/3/26	Tue 6/30/26
28	Review and Respond to Permitting Comments	61 days	Fri 5/1/26	Tue 6/30/26
29	90% Submittal	133 days	Fri 5/1/26	Thu 9/10/26
30	Develop 90% Plans and Calculations	90 days	Fri 5/1/26	Wed 7/29/26
31	QC Review	7 days	Thu 7/30/26	Wed 8/5/26
32	90% Submittal	1 day	Thu 8/6/26	Thu 8/6/26
33	City of Fort Lauderdale Review	30 days	Fri 8/7/26	Sat 9/5/26
34	Review and Respond to City Comments	5 days	Sun 9/6/26	Thu 9/10/26
35	100% Submittal	89 days	Fri 9/11/26	Tue 12/8/26
36	Develop 100% Plans and Calculations	40 days	Fri 9/11/26	Tue 10/20/26
37	QC Review	5 days	Fri 10/23/26	Tue 10/27/26
38	100% Submittal	1 day	Fri 10/30/26	Fri 10/30/26
39	City of Fort Lauderdale Review	30 days	Mon 11/2/26	Tue 12/1/26
40	Review and Respond to City Comments	7 days	Wed 12/2/26	Tue 12/8/26
41	Preparation of Bid Package and Construction Submittal	59 days	Wed 12/9/26	Fri 2/5/27
42	Prepare Bid Set and Construction Documents	41 days	Wed 12/9/26	Mon 1/18/27
43	Bid Package Submittal	1 day	Thu 1/21/27	Thu 1/21/27
44	City of Fort Lauderdale Review	15 days	Fri 1/22/27	Fri 2/5/27
45	Design Completion	1 day	Fri 2/5/27	Fri 2/5/27

TAB 5 - REFERENCES

All references shall include owner, address, contact name, phone number, email and the contract value. References shall not include the City of Fort Lauderdale. A minimum of three (3) references shall be provided. Refer to Section 2.8 Minimum Qualifications.

Note: Do not include proposed team members or parent/subsidiary companies as references in your submittals.

A. PROPOSERS NAME: CHA Consulting, Inc.

SPECIFIC EXPERIENCE NO.1

Name of firm to be contacted: FDOT District 6

Address: 1000 NW 111th Avenue, Miami, FL 331721

Contact Person: Baoying Wang, PE

Phone No: () (305) 470-5211

Contact E-Mail Address: BaoYing.Wang@dot.state.fl.us

Project Performance Period: 03/16 to 03/21
Dates should be in mm/yy format

Project Name : SR 25/Okeechobee Road Reconstruction

Location of Project: Miami-Dade County, FL

Description of the overall scope:

Design of bridges for grade separation of Okeechobee Road over NW 116th Way with a T-bridge intersection for SE and NW connections to facilitate the left turn lane from southbound NW 116th Way to eastbound Okeechobee Road. Additionally, the project will widen smaller bridges crossing the Miami (C-6) Canal at NW 121st Avenue and NW 116th Way. The Frontage Road, from MP 6.310 to MP 8.146, will undergo complete reconstruction and realignment. Besides the roadway-specific work, the project's scope encompasses the installation of five new signals, replacement of five existing signals, and new ITS, drainage, and lighting systems.

Description of work that was self-performed by proposer:

CHA was responsible for all design project management and coordination efforts. CHA developed the roadway geometry and final plans and led the structure concept and final design for four bridges, drainage, ITS, lighting, utility coordination, and miscellaneous structures. This completed project provides significant traffic operations and safety improvements for the interchange and the surrounding arterial network.

Original Project Budget: \$4.9M Project Final Cost: \$9.2M

*Please note that the client added significant scope items, leading to an increase in the final cost of our professional services.



SPECIFIC EXPERIENCE NO.2

Address: City of Miami Beach - 1700 Convention Center Dr, Miami Beach, FL 33139

Contact Person: Giancarlo Peña, P.E., CGC

Phone No: () (305) 673-7000

Contact E-Mail Address: GiancarloPena@miamibeachfl.gov

Project Performance Period: 02/22 to On-Going
Dates should be in mm/yy format

Project Name : City of Miami Beach Seawall Improvement

Location of Project: Miami Beach, FL

Description of the overall scope:
 This project consists of replacing three existing seawalls with a new post and panel seawall system along Collins Avenue between 23rd Street and 25th Street on the Intracoastal side of Miami Beach. The total length of seawall improvements across the three locations is approximately 470 feet.

Description of work that was self-performed by Proposer:
 CHA responsibilities include conducting a detailed site assessment, understanding client needs, guiding through the permitting process, presenting design options, preparing engineering specifications, incorporating measures to protect coastal ecosystems, ensuring the project stays on schedule and within budget, maintaining quality control, conducting regular inspections, and ensuring the seawall remains effective in mitigating sea level rise and protecting coastal ecosystems.

Original Project Budget: \$281,090 Project Final Cost: NA

SPECIFIC EXPERIENCE NO.3

Address: Greater Miami Expressway Agency (GMX) - 3790 NW 21st St, Miami, FL 33142

Contact Person: Gil Portela, PE, Project Manager

Phone No: () (305) 551-8100

Contact E-Mail Address: gportela@HNTB.com

Project Performance Period: 05/12 to 07/20
Dates should be in mm/yy format

Project Name : NW 87th Avenue Interchange Reconstruction

Location of Project: Miami, FL



Description of the overall scope:

Complete reconstruction of the SR 836/Dolphin Expressway and NW 87th Avenue Interchange. The main purpose of the scope of the project was to improve traffic operations and safety of the SR 836 and NW 87th Avenue Interchange by reconstructing the entrance and exit ramps and widening NW 12th Street between NW 87th and NW 82nd Avenues. A significant improvement is the addition of a new flyover entrance ramp that provides a direct connection from westbound NW 12th Street to westbound SR 836. The new entrance ramp substantially reduced congestion at the intersection of NW 87th Avenue and NW 12th Street. The project also included the construction of sound barriers, signing and pavement markings, lighting, drainage, utility coordination, Intelligent Transportation System (ITS) infrastructure and landscaping. The project also extended the Kitty Roedel Bike Path provided on the SR 836 right of way.

Description of work that was self-performed by Proposer:

CHA responsibilities encompassed: Designing roadway geometry and finalizing plans, leading the concept and final design processes for four bridges, overseeing drainage, ITS, lighting, and utility coordination, as well as the creation of miscellaneous structures, executing signalization, signing and pavement markings, and developing maintenance of traffic plans.

Original Project Budget: \$5.5M Project Final Cost: \$8.6M

*Please note that the client added significant scope items, leading to an increase in the final cost of our professional services.



TAB 6 - MINORITY/
WOMEN (M/WBE)
PARTICIPATION

6. MINORITY/WOMEN (M/WBE) PARTICIPATION

While our firm is not currently a certified minority business enterprise (M/WBE), we are fully committed to supporting the objectives of the Florida Small and Minority Business Assistance Act of 1985 and meeting M/WBE procurement goals under Florida Statutes 287.09451. In the past, we have met and exceed the goals for M/WBE participation in our contracts, and we plan to keep doing so, to ensure that we contribute positively to the state's M/WBE procurement targets.






For this contract, we have partnered with **Infinite Source Communications Group, Inc., a Minority Women-Owned Business Enterprise (M/WBE)**, as well as LARS Engineering, Inc., and Tierra South Florida, Inc., both Disadvantaged Business Enterprises (DBE). This collaboration aims to promote opportunities for minority firms wherever possible.

CHA has been and will continue to be, implementing our Equal Business Opportunity (EBO) Plan for teaming with minority firms in a continuous effort to achieve contracting diversity. For this contract, the following SBE firms have joined our team. We remain dedicated to promoting diversity and inclusiveness within our operations and through our partnerships.





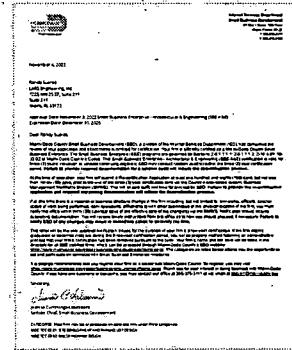
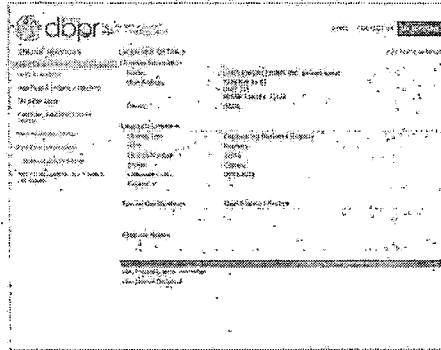
TAB 7 -
SUBCONSULTANTS

Proposed Subconsultants		
FIRM	ROLE	FIRM OVERVIEW
 LARS Engineering, Inc. Status: DBE/SBE	Bridge Inspection	LARS is a multidiscipline engineering consulting firm located in Miami, Florida. It was founded in 2018. LARS provides general engineering services including In-Service Bridge and Ancillary Structures Inspection, Highway Design, Stormwater Management, Structural Engineering and Transportation Engineering. For the past decade, LARS' engineers have successfully completed several transportation projects state-wide. LARS has the available resources and expertise to provide an excellent service and quick response to their clients. They are fully committed to preserve public safety. Client's satisfaction is LARS' philosophy.
 CTS Engineering, Inc. Status: DBE	Surveying, Mapping and SUE	CTS Engineering, Inc., founded in 2009 in South Florida, has grown to seven offices and over 100 professionals. As a DBE, they excel in geospatial services, 3D laser scanning, LIDAR, and subsurface utility engineering. Their multidisciplinary team handles complex projects efficiently, with a strong focus on sustainability and rigorous quality control. CTS offers a wide range of services, including transportation design, traffic engineering, stormwater drainage, site development, surveying, GIS, and economic analysis
 McFarland Johnson, Inc.	Environmental	McFarland-Johnson, Inc., founded in 1946, is a fully employee-owned, multi-disciplinary firm renowned nationwide for its comprehensive planning, environmental consulting, technology solutions, and professional engineering services. They offer a wide range of environmental services, including surveys, inspections, permitting, remediation, and regulatory coordination. They collaborate with various regulatory agencies in Florida and manage federalized projects under NEPA. They provide structural, foundation, bridge design, and inspection services, with specialized certifications in bridge and tunnel safety inspections. They play a key role in the Port of Miami Tunnel project, overseeing operations and maintenance.
 Tierra South Florida, Inc. Status: DBE/SBE	Geotechnical	TSFGeo is a consulting firm specializing in Geotechnical Engineering, Construction Materials Testing, and Inspections. They offer services like test borings, engineering analyses, AutoCAD/MicroStation plans, laboratory soils testing, and construction engineering inspection. Certified as a DBE and SBE, TSFGeo has offices in West Palm Beach, Miami Lakes, Tampa, and Orlando, Florida.
 Infinite Source Communications Group, Inc. Status: M/WBE/DBE/SBE	Public Involvement	ISC is a full-service public relations and marketing firm founded in 2009. Based in Miami, Florida, ISC specializes in providing communication services to a diverse range of industries including public agencies and private companies. The firm is known for its adaptability, creativity, and expertise, delivering high-quality support to clients both locally and nationwide. They have extensive experience conducting outreach activities for infrastructure projects in South Florida, and are prepared to work as an extension of staff to the City of Fort Lauderdale on this contract.

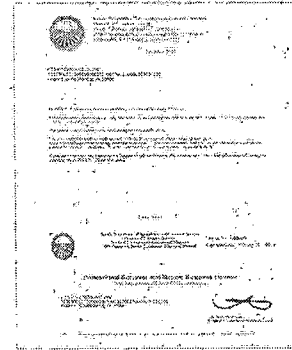
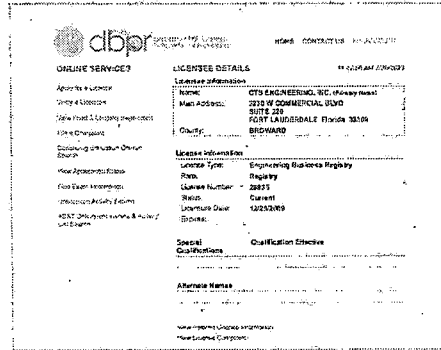
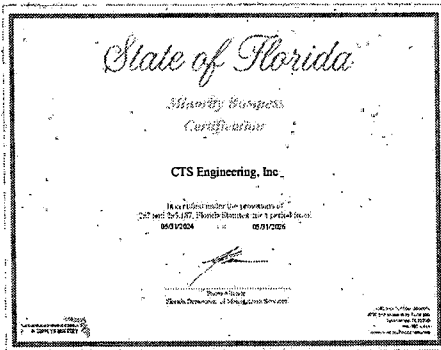


Subconsultant Business Licenses & Certifications

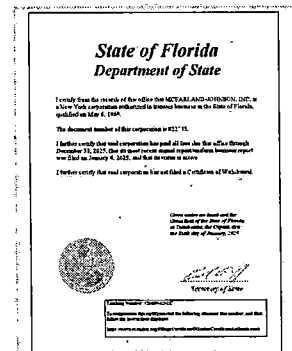
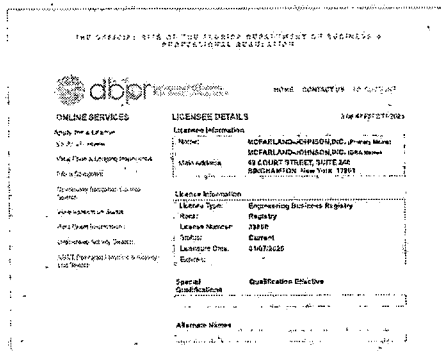
LARS Engineering, Inc.



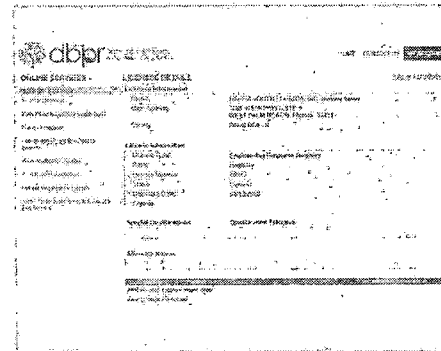
CTS Engineering, Inc.



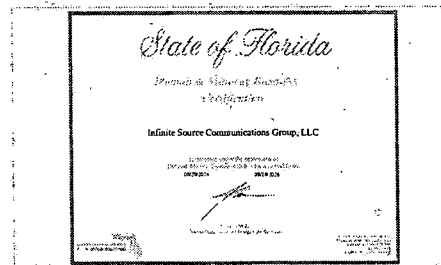
McFarland-Johnson, Inc.



Tierra South Florida, Inc.



Infinite Source Communications Gorup, Inc.



Women & Minority Business Certification (M/WBE)





TAB 8 - REQUIRED
FORMS

Sample Insurance Certificate - Coral Springs Office



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
7/30/2024

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 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 rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Ames & Gough 859 Willard Street Suite 320 Quincy MA 02169		CONTACT NAME: PHONE (A/C, No, Ext): 617-328-6555 FAX (A/C, No): 617-328-6555 E-MAIL ADDRESS: boston@amesgough.com	
		INSURER(S) AFFORDING COVERAGE NAIC #	
		INSURER A : Phoenix Insurance Company A++, XV 25623	
INSURED CHA Consulting, Inc. 3 Winners Circle Albany, NY 12205		CHAOLDING INSURER B : Travelers Indemnity Company, A++, XV 25658 INSURER C : Berkshire Hathaway Specialty Insurance Company 22276 INSURER D : Travelers Indemnity Co. of America A++, XV 25666 INSURER E : INSURER F :	

COVERAGES **CERTIFICATE NUMBER:** 1434839594 **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 INSD 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 GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER:		830-7E170386	8/1/2024	8/1/2025	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 15,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
D	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO - ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS		810-4S407410	8/1/2024	8/1/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 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 type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000		CUP-4S539836	8/1/2024	8/1/2025	EACH OCCURRENCE \$ 15,000,000 AGGREGATE \$ 15,000,000 \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/ MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N N/A	UB-4S429322	8/1/2024	8/1/2025	<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	Professional Liability & Pollution		47-EPP-308429-06	8/1/2024	8/1/2025	Per Claim Limit \$9,000,000 Aggregate Limit \$10,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 All coverages are in accordance with the policy terms and conditions. If AI box is checked, GL Endorsement Form #CGD604, Auto AI #CAT499 to the extent provided therein applies and all coverages are in accordance with the policy terms and conditions.
 Evidence of Coverage The A&E Professional Liability policy listed above includes Pollution Liability coverage.

CERTIFICATE HOLDER CHA Consulting, Inc. - Coral Springs, FL 4700 Riverside Drive, Suite 110 Coral Springs FL 33067 USA	CANCELLATION 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 <i>Jared Maxwell</i>
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Sample Insurance Certificate - Doral Office



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
7/30/2024

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 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 rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Ames & Gough 859 Willard Street Suite 320 Quincy MA 02169	CONTACT NAME: PHONE (A/C, No, Ext): 617-328-6555 FAX (A/C, No): 617-328-6555 E-MAIL ADDRESS: boston@amesgough.com														
	<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A : Phoenix Insurance Company A++, XV</td> <td>25623</td> </tr> <tr> <td>INSURER B : Travelers Indemnity Company, A++, XV</td> <td>25658</td> </tr> <tr> <td>INSURER C : Berkshire Hathaway Specialty Insurance Company</td> <td>22276</td> </tr> <tr> <td>INSURER D : Travelers Indemnity Co. of America A++, XV</td> <td>25666</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 : Phoenix Insurance Company A++, XV	25623	INSURER B : Travelers Indemnity Company, A++, XV	25658	INSURER C : Berkshire Hathaway Specialty Insurance Company	22276	INSURER D : Travelers Indemnity Co. of America A++, XV	25666	INSURER E :		INSURER F :
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INSURER E :															
INSURER F :															
INSURED CHA Consulting, Inc. 3 Winners Circle Albany, NY 12205	CHA HOLDING														

COVERAGES **CERTIFICATE NUMBER: 2072525989** **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 INSD	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 GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER:			630-7E170386	8/1/2024	8/1/2025	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 15,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMPIOP AGG \$ 2,000,000 \$
D	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			810-4S407410	8/1/2024	8/1/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 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 type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			CUP-4S539838	8/1/2024	8/1/2025	EACH OCCURRENCE \$ 15,000,000 AGGREGATE \$ 15,000,000 \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	UB-4S429322	8/1/2024	8/1/2025	<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	Professional Liability & Pollution			47-EPP-308429-06	8/1/2024	8/1/2025	Per Claim Limit \$6,000,000 Aggregate Limit \$10,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 All coverages are in accordance with the policy terms and conditions. If AI box is checked, GL Endorsement Form #CGD604, Auto AI #CAT499 to the extent provided therein applies and all coverages are in accordance with the policy terms and conditions.
 The A&E Professional Liability policy listed above includes Pollution Liability coverage. Evidence of Coverage

CERTIFICATE HOLDER CHA Consulting, Inc. - Doral, FL 8935 Northwest 35th Lane Suite 200 Doral FL 33172 USA	CANCELLATION 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 <i>Jared Maxwell</i>
---	--

ACORD 25 (2014/01)

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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,

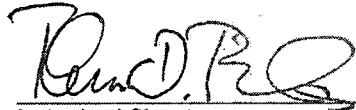
3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g., ownership of five (5) percent or more).

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.

<u>NAME</u>	<u>RELATIONSHIPS</u>
_____	_____
_____	_____
_____	_____
_____	_____

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.



 Authorized Signature
 Thomas D. Titsworth

 Name (Printed)

Assistant Secretary

 Title
 3/10/2025

 Date

Rev 09-2022





**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. 2-17(a)(i)(ii), bidders must certify compliance with the Non-Discrimination provision of the ordinance.

- A. Contractors doing business with the City shall not discriminate against their employees based on the employee's race, color, religion, gender (including identity or expression), marital status, sexual orientation, national origin, age, disability, or any other protected classification as defined by applicable law.

Contracts. Every Contract exceeding \$100,000, or otherwise exempt from this section shall contain language that obligates the Contractor to comply with the applicable provisions of this section.

The Contract shall include provisions for the following:

- (i) The Contractor certifies and represents that it will comply with this section during the entire term of the contract.
- (ii) The failure of the Contractor to comply with this section shall be deemed to be a material breach of the contract, entitling the City to pursue any remedy stated below or any remedy provided under applicable law.


 Authorized Signature

Thomas D. Titsworth, Assistant Secretary
 Print Name and Title

3/10/2025
 Date



E-VERIFY AFFIRMATION STATEMENT

RFP/Bid /Contract No: RFQ/EVENT# 423

Project Description: Bridge Design and Miscellaneous Structural Engineering Services, Continuing Services Contract

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: CHA Consulting, Inc.

Authorized Company Person's Signature: 

Authorized Company Person's Title: Assistant Secretary

Date: 3/10/2025





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 the credit card 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

CHA Consulting, Inc.

Company Name

Thomas D. Titsworth

Name (Printed)

Signature

Assistant Secretary

Title

3/10/2025

Date

Rev. 09/2022_ip



CITY OF FORT LAUDERDALE BID/PROPOSAL CERTIFICATION

Please Note: It is the sole responsibility of the bidder/proposer to ensure that their response is submitted electronically through the City's on-line strategic sourcing platform 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) CHA Consulting, Inc. EIN (Optional): 16-0966259

Address: 8935 NW 35th Ln, Suite 200

City: Miami State: FL Zip: 33172

Telephone No.: (305) 592-7283 FAX No.: N/A Email: Aalfonso@chasolutions.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 DBE (section 1.09 of General Conditions):

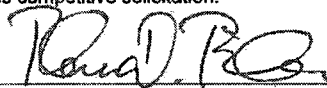
ADDENDUM ACKNOWLEDGEMENT - Proposer acknowledges that the following addenda have been received and are included in the proposal:

Addendum No.	Date Issued	Addendum No.	Date Issued	Addendum No.	Date Issued	Addendum No.	Date Issued
1	02/27/25						
2	02/27/25						

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.

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:
Thomas D. Titworth
 Name (printed)
3/10/2025
 Date


 Signature
Assistant Secretary
 Title

revised 09-2022



AFFIDAVIT OF COMPLIANCE WITH FOREIGN ENTITY LAWS
(Florida Statute- §287.138, 692.201, 692.202, 692.203, and 692.204)

The undersigned, on behalf of the entity listed below ("Entity"), hereby attests under penalty of perjury as follows:

1. Entity is not owned by the government of a foreign country of concern as defined in Section 287.138, Florida Statutes. (Source: § 287.138(2)(a), Florida Statutes)
2. The government of a foreign country of concern does not have a controlling interest in Entity. (Source: § 287.138(2)(b), Florida Statutes)
3. Entity is not organized under the laws of, and does not have a principal place of business in, a foreign country of concern. (Source: § 287.138(2)(c), Florida Statutes)
4. Entity is not owned or controlled by the government of a foreign country of concern, as defined in Section 692.201, Florida Statutes. (Source: § 288.007(2), Florida Statutes)
5. Entity is not a partnership, association, corporation, organization, or other combination of persons organized under the laws of or having its principal place of business in a foreign country of concern, as defined in Section 692.201, Florida Statutes, or a subsidiary of such entity. (Source: § 288.007(2), Florida Statutes)
6. Entity is not a foreign principal, as defined in Section 692.201, Florida Statutes. (Source: § 692.202(5)(a)(I), Florida Statutes)
7. Entity is in compliance with all applicable requirements of Sections 692.202, 692.203, and 692.204, Florida Statutes.
8. **(Only applicable if purchasing real property)** Entity is not a foreign principal prohibited from purchasing the subject real property. Entity is either (a) not a person or entity described in Section 692.204(1)(a), Florida Statutes, or (b) authorized under Section 692.204(2), Florida Statutes, to purchase the subject property. Entity is in compliance with the requirements of Section 692.204, Florida Statutes. (Source: §§ 692.203(6)(a), 692.204(6)(a), Florida Statutes)
9. The undersigned is authorized to execute this affidavit on behalf of Entity.

Name: Thomas D. Titsworth Title: Assistant Secretary Entity: CHA Consulting, Inc.

Signature: [Handwritten Signature] Date: 3/10/2025

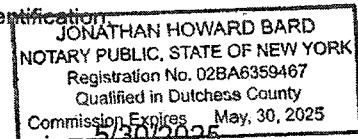
NOTARY PUBLIC ACKNOWLEDGEMENT SECTION

STATE OF New York
COUNTY OF Albany

The foregoing instrument was acknowledged before me, by means of physical presence or online notarization, this 10th day of March 2025 by Thomas D. Titsworth, as Assistant Secretary for CHA Consulting, Inc., who is

personally known to me or who has produced N/A (Personally Known) as identification.

Notary Public Signature: [Handwritten Signature] (Notary Seal)
Print Name: Jonathan H. Bard My commission expires: 5/30/2025



APPENDIX



Proposal Submission Authorization



CORPORATE RESOLUTION

I, Gregory S. Corso, CEO of CHA Consulting, Inc., a corporation organized and existing under the laws of the State of New York, hereby certify that the following resolution was duly adopted by the Board of Directors of said corporation.

RESOLVED, that each of the individuals listed below are hereby authorized to negotiate, make, execute, and approve on behalf of the corporation, and to bind the corporation with respect to, any and all proposal forms and affidavits, contracts, and other business transactions with the City of Fort Lauderdale (Florida) and any of its departments and agencies, and all amendments, statements, certifications and other documents required in connection with such proposals, contracts or transactions or otherwise related thereto:

<u>Authorized Signatories</u>	<u>Title</u>
Phil Stevens	Executive Vice President
Michael A. Platt	Secretary
Thomas D. Titsworth	Assistant Secretary
Timothy D. George	Senior Vice President
Bryan Busch	Senior Vice President
Jonathan H. Bard	Vice President
Miranda Brito	Market Development Specialist

AND I DO FURTHER CERTIFY that the resolution set forth above has not been in any way altered, amended, revoked, or repealed and is now in full force and effect.

IN WITNESS WHEREOF, I hereunto set my hand this 24th day of March, 2025.

Gregory S. Corso, CEO
CHA Consulting, Inc.

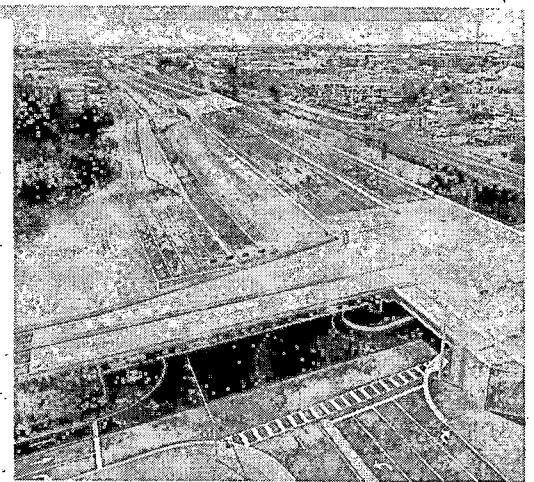
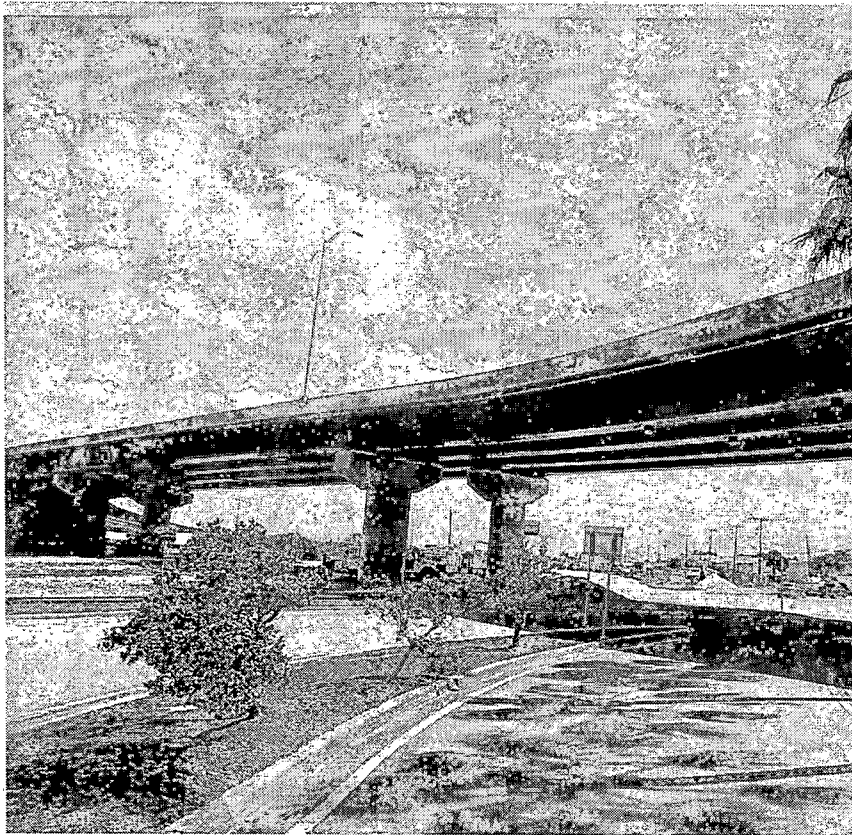


PREPARED FOR:

City of Fort Lauderdale
101 NE 3rd Avenue, Suite 1650
Fort Lauderdale, FL 33301

FOR MORE INFORMATION, PLEASE CONTACT:

Adrian Alfonso, PE
Project Manager
T: (786) 257-3073
E: Adalfonso@chasolutions.com





CITY OF FORT LAUDERDALE

**SWORN STATEMENT PURSUANT TO SECTION 287.087, FLORIDA
STATUTES, ON PREFERENCE TO BUSINESS WITH
DRUG-FREE WORK PLACE PROGRAMS**

I certify that I have established a Drug Free Work Place program and have complied with the following

- a. Published and distributed to each employee a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibitions.
as a condition of pre-employment when required by the client,
- b. Required all new employees to undergo laboratory testing as a condition of employment and will require all employees, as a condition of their continued employment, to undergo laboratory testing to detect illegal drug or alcohol use according to Florida Statutes 440.101 and 440.102.
- c. Ensured that applicants with a confirmed positive drug or alcohol screening test result are not considered for employment.
- d. Have tested employees when reasonably suspected of illegal drug or alcohol use.
- e. Ensured that any employee refusing to take a drug or alcohol screening test in violation of the Drug Free Work Place Policy is subject to dismissal for failure to abide by the provisions of the Policy.
- f. Informed employees about the dangers of drug abuse in the workplace, the business' policy of maintain a drug-free workplace, any available drug counseling, rehabilitation and employee assistance programs and the penalties that may be imposed upon employees for drug abuse violations.
- g. In the statement specified in subparagraph a, notified the employees that, as a condition of their employment, the employee will abide by the terms of the statement and will notify their employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States of any state, for a violation occurring in the workplace no later than 5 days after such conviction.

- h. Have required all employees to sign a copy of this statement of compliance acknowledging their understanding and agreeing to abide with the requirements of the Drug Work Place Policy.
- i. Will impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by, any employee who is so convicted.
- j. Am making a good faith effort to continue to maintain a Drug Free Work Place through implementation of this document.

BY: T.D. TITSWORTH DATE: 06/30/2025

NAME (Printed) Thomas D. Titsworth TITLE: Assistant Secretary

COMPANY NAME: CHA Consulting, Inc.

Affix Company Seal

