



**CCNA CONTINUING PROFESSIONAL SERVICES AGREEMENT**  
**CITYWIDE PROFESSIONAL ARCHITECTURAL, ENGINEERING, SURVEYING**  
**AND MAPPING BETWEEN THE CITY OF PEMBROKE PINES AND**  
**CRAVEN, THOMPSON & ASSOCIATES, INC.**

**THIS AGREEMENT (“Agreement”)**, dated \_\_\_\_\_, is entered into by and between:

**THE CITY OF PEMBROKE PINES**, a municipal corporation of the State of Florida with a business address of **601 City Center Way, Pembroke Pines, Florida 33025** (hereinafter referred to as the "CITY")

and

**CRAVEN, THOMPSON & ASSOCIATES, INC.**, a For Profit Corporation as listed with the Florida Division of Corporations, authorized to do business in the State of Florida, with a business address of **3563 NW 53 Street, Fort Lauderdale, FL, 33309** (hereinafter referred to as the “CONSULTANT”). CITY and CONSULTANT may hereinafter be referred to collectively as the "Parties."

**W I T N E S S E T H:**

In consideration of the mutual terms and conditions, promises, covenants and payments hereinafter set forth, CITY and CONSULTANT agree as follows:

**ARTICLE 1**  
**PREAMBLE**

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

1.1 On January 23, 2024, the CITY issued a **Request for Qualifications (“RFQ”), PSPW-23-20, for Continuing Services for Citywide Professional Architectural, Engineering, Surveying, and Mapping** disciplines. The CITY sought to establish continuing contracts with qualified professional firms to provide services on an as-needed basis, as more particularly described in **Exhibit “A,”** attached hereto and incorporated herein by reference.

1.2 On February 27, 2024, the statements of qualifications were opened at the offices of the City Clerk.

1.3 On October 22, 2024, the CITY’s evaluation committee certified CONSULTANT as



qualified to provide the professional services as described in **Exhibit “A”** based on the CONSULTANT’s response to Solicitation #PSPW-23-20, attached hereto as **Exhibit “B,”** in accordance with the Consultant's Competitive Negotiation Act (“CCNA”), §287.055, Florida Statutes.

1.4 On February 19, 2025, the CITY Commission approved the findings and recommendations of the evaluation committee and directed the proper CITY officials to negotiate contracts for continuing services with the firms shortlisted to the second round of evaluations, including the CONSULTANT, to render the professional services more particularly described herein.

1.5 Negotiations pertaining to the services to be performed by the CONSULTANT were undertaken in accordance with Section 287.055, Florida Statutes, and this Agreement incorporates the results of such negotiation.

1.6 In the event of any conflicts between this Agreement and any exhibits hereto, this Agreement shall prevail, followed by the bid specifications attached as **Exhibit “A”**.

1.7 The services provided by CONSULTANT pursuant to this Agreement shall comply with the definition of "professional services" under Section 287.055(2)(a), Florida Statutes, as amended from time to time.

1.8 This Agreement incorporates the following exhibits, each of which is attached hereto and made a part hereof as if fully set forth herein:

Exhibit A – “PSPW-23-20” CCNA Continuing Services for Citywide Professional Architectural, Engineering, Surveying and Mapping

Exhibit B – CONSULTANT’s Response to Solicitation #PSPW-23-20

Exhibit C – Work Order Assignment Flowchart

Exhibit D – Scoping Meeting Report Template

Exhibit E – CONSULTANT’s Labor Rates

## **ARTICLE 2**

### **DEFINITIONS**

In addition to the defined terms below, the definitions in the Florida Building Code, the Florida Fire Prevention Code, City of Pembroke Pines Engineering Standards, the City of Pembroke Pines Code of Ordinances and all Federal, State and Local requirements applicable to and referenced in the Scope of Services are incorporated by reference in this Agreement. Defined terms are capitalized. The following terms herein shall have the respective meanings defined below:

2.1 ARCHITECT/ENGINEER OF RECORD shall mean the duly licensed architectural/engineering firm or individual architect/engineer that holds primary responsibility for the design, preparation, and sealing of construction documents for a specific project authorized



under this Agreement.

2.2 CONSULTANT means the firm (or individual) qualified under Florida law to practice in one or more of the disciplines of architecture, professional engineering, landscape architecture, or registered surveying and mapping, and selected by the CITY to provide design, construction administration, or consulting services under this Agreement, as permitted by § 287.055, Florida Statutes. The CONSULTANT shall, when assigned by Work Order under this Agreement to Projects requiring design services, serve as the Architect or Engineer of Record (or Surveyor of Record) and shall be responsible for preparing, sealing, and coordinating the discipline-specific deliverables assigned to it.

2.3 CONSULTANT'S SERVICES shall mean the professional, technical, and administrative services that the CONSULTANT and its Sub-Consultants are qualified and contracted to perform under this Agreement, including but not limited to planning, design, permitting, procurement assistance, construction administration, and related support services. The specific CONSULTANT'S SERVICES to be performed for each Project shall be defined in the Scope of Services section of the applicable Work Order.

2.4 CONSULTANT'S COMPETITIVE NEGOTIATION ACT ("CCNA") is defined by Florida Statutes 287.055.

2.5 CONSTRUCTION ADMINISTRATION shall mean the services provided by the CONSULTANT during the construction phase of a Project to assist the CITY in administering and monitoring the Construction Contract and confirming that the Work is performed in general conformance with the Construction Documents, as further detailed in Section 3.15. Construction Administration includes duties such as conducting Site Visits, evaluating materials and workmanship, and providing recommendations to the CITY regarding the Contractor's performance.

2.6 CONSTRUCTION BUDGET shall mean the amount established by the CITY as the maximum authorized cost for the construction of the project, exclusive of compensation for professional services. The Construction Budget represents the CITY's target cost for all labor, materials, equipment, and construction-related services necessary to complete the project in accordance with the Construction Documents.

2.7 CONSTRUCTION CONTRACT shall mean the separate agreement entered into between the CITY and a qualified third-party contractor for the furnishing of all labor, materials, equipment, services, and incidentals necessary to construct the project in accordance with the Construction Documents prepared under this Agreement.

2.8 CONSTRUCTION DOCUMENTS shall mean the complete set of drawings, specifications, calculations, reports, and other documents prepared and sealed by the CONSULTANT that define the scope, character, quality, and details of the work to be constructed. These documents shall be of sufficient clarity and detail to enable the construction of the project in conformance with applicable codes, standards, and regulatory requirements, and to permit competitive bidding and construction by a qualified contractor. The Construction Documents constitute the final deliverable under this Agreement and shall include all necessary design details,



technical specifications, and supporting information required for permitting, bidding, and construction administration, as applicable to the project.

2.9 CONSTRUCTION SCHEDULE shall mean the timeline approved by the CITY for the commencement, progression, and completion of the construction phase of the project, as set forth in the Construction Contract. The Construction Schedule shall define key milestones, substantial completion, and final completion dates for the Contractor's work, and shall serve as the basis for monitoring and evaluating construction progress. The Construction Schedule is separate from, but coordinated with, the CONSULTANT's schedule for the preparation of design and Construction Documents.

2.10 CONTRACTOR(S) shall mean the qualified and duly licensed firm(s) selected by the CITY, under a separate Construction Contract, to perform the Work for a Project based on the Construction Documents prepared under this Agreement. The Contractor enters into a separate Construction Contract with the CITY for the furnishing of all labor, materials, equipment, and services necessary to construct the project in accordance with the Construction Documents and all applicable laws, codes, and regulations.

2.11 DAY means a calendar day, unless noted otherwise.

2.12 ESTIMATE OF PROBABLE CONSTRUCTION COST shall mean the most current, detailed estimate prepared by the CONSULTANT of the anticipated cost to construct all work designed and/or specified by the CONSULTANT for each project, based on the scope, materials, systems, and conditions known at the time of the estimate. The Estimate of Probable Construction Cost shall exclude compensation for professional services provided by the CONSULTANT. The Estimate of Probable Construction Cost is prepared for the CITY's planning and evaluation purposes and is recognized to be an estimate only. It may differ from the Construction Budget, which is established by the City prior to the Consultant's design of the work, and from actual bid or construction costs obtained through competitive procurement.

2.13 OPINION OF PROBABLE CONSTRUCTION COST (OPCC) shall mean the CONSULTANT's professional judgment, based on conceptual information and assumptions known at the time, of the anticipated construction cost for the Project. The OPCC is prepared for the CITY's planning and evaluation purposes only, and shall exclude compensation for professional services, and is not a warranty or guarantee that actual bids or construction costs will not vary.

2.14 PROJECT(S) shall mean all fixed capital outlay activities designated by the CITY for design and construction, as described in each Work Order issued under this Agreement. Each Project shall consist of specific improvements, facilities, or infrastructure elements identified by the CITY to be designed and/or constructed in accordance with the applicable Work Order, and may include related tasks such as permitting, bidding, and construction administration, as authorized by the CITY.

2.15 PROJECT MANAGER (PM) shall mean the City Department Head, Capital Improvement Projects Manager, Maintenance Manager, or other individual designated by the City Manager to serve as the CITY's representative responsible for the coordination, oversight, and





administration of each Project. The Project Manager shall act as the primary point of contact between the CITY and the CONSULTANT.

2.16 PROJECT MEETING(S) shall mean meetings conducted between the CITY, the CONSULTANT, and, when applicable, the Contractor or other project stakeholders, for the purpose of discussing, coordinating, and reviewing the progress of the Project. Project Meetings may include, but are not limited to, design coordination meetings, progress meetings, pre-bid meetings, pre-construction conferences, and construction progress meetings, as required by the Work Order or as otherwise requested by the CITY.

2.17 PROJECT SCHEDULE shall mean the overall schedule established for each Work Order, identifying the timeframes for completion of all phases and tasks, including but not limited to planning, design, permitting, bidding, and construction, as applicable under this Agreement. The Project Schedule shall be developed and maintained by the CONSULTANT in coordination with the CITY's Project Manager, and shall reflect key milestones, deliverables, and dependencies necessary to achieve timely completion of the Project. The Project Schedule represents the overall timeline for the Project, covering all phases from planning and design through final completion. It includes the Construction Schedule as a component that governs the Contractor's activities and sequencing of work during the construction phase under the Construction Contract.

2.18 PROJECT SITE (SITE) shall mean the physical location or locations designated by the CITY where the Work is to be performed by the Contractor under the Construction Contract.

2.19 REIMBURSABLE EXPENSES shall mean those certain out-of-pocket expenses incurred by the CONSULTANT, its employees, or Sub-Consultants pursuant to this Agreement or in direct connection with a Work Order, and which are authorized in advance by the CITY and supported by proper documentation, as further detailed in Section 3.16 of this Agreement.

2.20 REQUEST FOR INFORMATION ("RFI") shall mean a formal written request submitted to CITY by the Contractor during the construction phase seeking clarification, interpretation, or additional information regarding the Construction Documents or other aspects of the Project. The purpose of an RFI is to resolve discrepancies, omissions, or ambiguities and to ensure proper execution of the Work in accordance with the design intent.

2.21 SCOPE OF SERVICES means the detailed description of the CONSULTANT'S SERVICES to be performed for a particular Project, as set forth in the approved Work Order and any applicable Scoping Meeting Report issued under this Agreement.

2.22 SCOPING MEETING shall mean the meeting scheduled and conducted by the CONSULTANT in coordination with the CITY pursuant to the Work Order Assignment Process outlined in Article 4. The purpose of the Scoping Meeting is to review and clarify the CITY's objectives for the proposed Project, confirm the preliminary Scope of Services, discuss site conditions, scheduling, permitting requirements, data needs, and other factors or deliverables necessary for the CONSULTANT to prepare the Scoping Meeting Report.

2.23 SCOPING MEETING REPORT shall mean the written summary and proposal prepared by the CONSULTANT following the Scoping Meeting, as required in Article 4. The report shall



document the agreed-upon Scope of Services, Project Schedule, and the CONSULTANT's Opinion of Probable Construction Cost, if applicable, and proposed fee to perform the services. The Scoping Meeting Report shall be submitted to the CITY for review and approval within the time period specified in Article 4 and shall serve as the basis for the development of the Work Order.

2.24 SITE VISIT(S) shall mean a visit by the CONSULTANT to the Project Site during the construction phase of a Project for the purpose of observing the progress and quality of the work, obtaining information relevant to the performance of Construction Administration Services, or verifying conformance with the Construction Documents.

2.25 SUB-CONSULTANT(S) shall mean any firm or individual engaged by the CONSULTANT to perform a portion of the professional services required under this Agreement, including but not limited to architectural, engineering, surveying, mapping, or other technical disciplines. The CONSULTANT submitted an initial list of proposed Sub-Consultants as part of its qualifications package in response to Solicitation PSPW-23-20, which is incorporated herein as **Exhibit "B"**. Any additions, removals, or substitutions of Sub-Consultants from that list shall be subject to the CITY's prior written approval in accordance with Section 3.10 of this Agreement.

2.26 SUBMITTAL(S) shall mean documents, drawings, samples, calculations, reports, or other materials prepared and transmitted by the CONSULTANT, its Sub-Consultants, or the Contractor for review, approval, or record during the design or construction phases of a Project. During the design phase, Submittals include materials such as preliminary design deliverables, progress drawings, technical specifications, reports, or other documents required under a Work Order. During the construction phase, Submittals may include shop drawings, product data, samples, and other information submitted by the Contractor for the CONSULTANT's review for conformance with the Construction Documents.

2.27 SUBMITTAL SCHEDULE shall mean the schedule prepared and maintained by the CONSULTANT during the design phase, and by the Contractor during the construction phase, identifying the anticipated dates for preparation, review, and approval of all required Submittals. The Submittal Schedule shall be coordinated with the Project Schedule and, where applicable, the Construction Schedule, and shall be updated as necessary to ensure timely completion of the Project

2.28 SUPPLEMENTAL WORK ORDER shall mean a written authorization issued by the CITY to the CONSULTANT after the initial Work Order has been executed under this Agreement, authorizing the CONSULTANT to perform additional or revised services not included in the original Work Order. A Supplemental Work Order may address changes in project scope, schedule, or other conditions as deemed necessary by the CITY and shall define the specific tasks, deliverables, timeframes, and compensation applicable to the supplemental services.

2.29 SURVEYING AND MAPPING DOCUMENTS shall mean the drawings, maps, digital files, reports, and other deliverables prepared and sealed by the CONSULTANT when providing surveying and mapping services under this Agreement. These documents shall be prepared in accordance with applicable laws, professional standards, and the requirements of the CITY and the Florida Board of Professional Surveyors and Mappers.



2.30 WORK shall mean the construction and related services required by the Construction Documents, whether completed or partially completed, and includes all labor, materials, equipment, and services furnished or to be furnished by the Contractor to fulfill its obligations under the Construction Contract. The Work encompasses all tasks necessary to produce the results intended by the Construction Documents and may constitute either the whole or a portion of the Project.

2.31 WORK ORDER shall mean a written authorization issued by the CITY to the CONSULTANT defining the specific scope of services, deliverables, schedule, and compensation for a Project, as approved by the CITY following acceptance of an approved Scoping Meeting Report. Each Work Order shall be issued pursuant to this Agreement and shall constitute the formal assignment of work to the CONSULTANT for a designated Project or portion thereof.

2.32 WORK ORDER ASSIGNMENT PROCESS shall mean the procedure established in Article 4 and illustrated in **Exhibit "C"**, which outlines the steps for initiating, developing, and authorizing a Work Order, including the issuance of a Work Order Request, the conduct of a Scoping Meeting, preparation of a Scoping Meeting Report, and approval of the final Work Order by the CITY.

2.33 WORK ORDER REQUEST shall mean the CITY's written notice (including email) transmitted to the CONSULTANT that initiates the Work Order Assignment Process under Article 4 by requesting a Scoping Meeting and related preliminary submittals (including the Scoping Meeting Report). A Work Order Request is not a Work Order and does not authorize the CONSULTANT to perform design or other services beyond those expressly identified in Article 4 unless and until a Work Order is issued by the CITY.

### **ARTICLE 3** **SERVICES AND RESPONSIBILITIES**

3.1 The CONSULTANT agrees to perform, under future Work Orders to be issued under this Agreement, professional services as hereinafter set forth, and further, the CONSULTANT acknowledges that by entering into this Agreement the CITY does not guarantee, and has not guaranteed, that the CITY will assign to CONSULTANT a minimum number of Work Orders or any specific construction value.

3.2 The CITY may request from the CONSULTANT from time to time, on an as needed basis, specific **General Civil and Environmental Engineering, Land Surveying, and Landscape Architecture Services**. Upon receipt of these requests, the CONSULTANT shall follow the process outlined in Article 4 and the flowchart provided in **Exhibit "C"** for Work Order approval. Approved Work Orders will be issued by the CITY authorizing the CONSULTANT to perform the services. Compensation for such services shall be established in each Work Order and may be Hourly Not-to-Exceed, Lump Sum, or Milestone-Based, as determined by the CITY. All compensation shall be in accordance with the rates and terms set forth in **Exhibit "E,"** unless otherwise approved in writing by the CITY. CONSULTANT must furnish all services, labor, equipment, and materials necessary and as may be required in the performance of this Agreement and all services performed under this Agreement shall be performed in a professional manner.



3.3 The CONSULTANT and its sub-consultant(s) shall be fully licensed and qualified to perform the services required by this Agreement for the entire term of this Agreement.

3.4 The CONSULTANT and all Sub-Consultants shall perform their services consistent with the professional skill and care ordinarily provided by architects and engineers practicing in the same or similar locality under the same or similar circumstances. The CONSULTANT and its Sub-Consultants shall perform their services as expeditiously as is consistent with such professional skill and care and the orderly progress of the Work Orders.

3.5 Except with the CITY's knowledge and consent, the CONSULTANT and its Sub-consultants shall not engage in any activity, or accept any employment, interest or contribution that would reasonably appear to compromise their professional judgment with respect to the Project(s) being performed under this Agreement.

3.6 The CONSULTANT shall be responsible for all the professional services provided by the CONSULTANT's organization and those of the CONSULTANT's Sub-Consultants. To avoid errors and omissions in the Construction Documents, the CONSULTANT shall require that each of the Sub-Consultants coordinate their work with that of other Sub-Consultants. However, the CONSULTANT agrees and accepts final responsibility for coordination among and between the Sub-Consultants to avoid errors and omissions in any of the Construction Documents. The CONSULTANT agrees to be responsible for providing Project coordination for information provided by the PM on behalf of or from the various CITY departments applicable to a Project and from other regulatory agencies.

3.7 The CONSULTANT shall designate a responsible member of their firm, satisfactory to the CITY, as the CONSULTANT's project manager who shall, so long as his/her performance is acceptable, remain in charge of the CONSULTANT's services for the term of the Agreement, and who shall also represent the CONSULTANT and be available for general consultation throughout the term of this Agreement.

3.8 The CONSULTANT understands and acknowledges that its selection by the CITY was based, in part, on the qualifications and expertise of the sub-consulting firms (and/or individuals) identified by CONSULTANT in **Exhibit "B"** to serve as the CONSULTANT's Sub-Consultant(s). The CONSULTANT shall negotiate a fair and equitable agreement with each Sub-Consultant, which agreement shall incorporate the terms and conditions of this Agreement. Nothing contained in this Agreement shall be construed to create any contractual relationship between the CITY and any Sub-Consultant(s) utilized by the CONSULTANT. The CONSULTANT agrees that it is in no way relieved of any responsibility under the terms of this Agreement by virtue of the performance or nonperformance of required services by any Sub-Consultant(s) who may associate with the CONSULTANT in performing the services required by this Agreement or any Work Order issued by the CITY.

3.9 Changes to Sub-consultants (Additions and/or Replacements) - Upon prior written approval by the CITY, the CONSULTANT may choose additional Sub-Consultant(s) as part of CONSULTANT's Scoping Meeting Report but shall not terminate or replace those Sub-Consultant(s) listed in **Exhibit "B"** without the prior written approval of the CITY.



3.10 The CITY may request replacement of any of the CONSULTANT 's employees or Sub-Consultants who are providing services under this Agreement. The CONSULTANT shall, within seven (7) Days of the receipt of such written notification from the CITY requesting an employee or a Sub-Consultant be replaced, respond in writing to the CITY with the CONSULTANT's decision (and justification for the decision) regarding the CITY's request and further, take appropriate action consistent with the CONSULTANT 's responsibility for proper provision of professional services under this Agreement.

3.11 CONSULTANT assumes professional and technical responsibility for performance of its services to be provided hereunder in accordance with recognized professional and ethical guidelines established by their profession. If within one year following completion of its services, such services fail to meet the aforesaid standards, and the CITY promptly advises CONSULTANT thereof in writing, CONSULTANT agrees to re-perform such deficient services without charge to the CITY.

3.12 The relationship between CITY and CONSULTANT created hereunder and the services to be provided by CONSULTANT pursuant to this Agreement are non-exclusive. CITY shall be free to pursue and engage in similar relationships with other consultants to perform the same or similar services performed by CONSULTANT hereunder, so long as no other consultant shall be engaged to perform the specific project(s) assigned to CONSULTANT while CONSULTANT is so engaged without first terminating such assignment. CONSULTANT shall be free to pursue relationships with other parties to perform the same or similar services, whether or not such relationships are for services to be performed within the City of Pembroke Pines, so long as no such relationship shall result in a conflict of interest, ethical or otherwise, with the CITY's interests in the services provided by CONSULTANT hereunder.

3.13 The CONSULTANT may be issued Work Order(s) for professional services for Projects with construction budgets which do not exceed the thresholds established by Section 287.055(2)(g)(1), Florida Statutes. The construction work on such Projects may be executed by CITY personnel or a contractor selected through the CITY's procurement process.

3.14 Procurement Assistance: If applicable and requested by the PM during the Work Order Assignment Process described in Article 4, and for Projects to be awarded through a competitive bid process, the CONSULTANT shall provide procurement assistance to the CITY. Such assistance may include participating in and assisting with the preparation and conduct of pre-bid conference(s); responding to bidder inquiries and preparing clarifications or addenda as approved by the CITY; assisting the CITY in reviewing and analyzing bids or proposals for responsiveness and responsibility; and providing a written recommendation to the CITY regarding the award of the Construction Contract.

### 3.15 Construction Administration Assistance

3.15.1 If applicable and requested by the PM during the Work Order Assignment Process outlined in Article 4, the CONSULTANT shall assist the CITY in enforcing the faithful performance of the Construction Contract and confirm that the Work has been or is being performed in general conformance with the Construction Documents. The CONSULTANT shall provide written notice to the CITY if it observes or becomes aware of any defect,





deficiency, or non-conformance with the Construction Documents. Based on Site Visit observations, the CONSULTANT shall assist in guarding the CITY against defects, deficiencies and delays in the Work, and shall immediately inform the CITY, in writing, of the progress (or lack of progress) and the quality of the Work. The CONSULTANT shall evaluate materials and/or workmanship for conformance with Construction Documents, review quality control testing reports, and promptly advise the CITY of any unacceptable materials and/or workmanship.

3.15.2 CONSULTANT shall support the Contractor's responsibility for obtaining a building permit from the CITY's Building Department ("Building Department") and any other permits required for a Project. Should any changes to the Construction Documents be necessary to obtain such permits, the CONSULTANT shall make those changes within seven (7) Days of being notified, at no additional cost to the CITY.

3.15.3 CITY Inspectors and Plan Reviewers - The CONSULTANT shall cooperate with the CITY inspectors and plan reviewers in providing information and explanations as requested. The CONSULTANT shall also respond to any deficiencies noted by the CITY inspectors and plan reviewers in the Construction Documents or during construction by making the necessary plan revisions or taking appropriate corrective action within seven (7) Days of receiving written notification, at no additional cost to the CITY.

3.15.4 The CONSULTANT shall review and either return without exception, return with comments, reject, or take other appropriate action upon the Contractor's Submittals (including, but not limited to, samples, schedules, product data, and shop drawings) for conformance with the design intent expressed in the Construction Documents and applicable codes and ordinances. The CONSULTANT's action shall be taken with reasonable promptness so as not to delay the progress of the Project, while allowing sufficient time, in the CONSULTANT's professional judgment, to permit adequate review. If the CONSULTANT rejects a Submittal, it shall state, in writing, the grounds for rejection.

3.15.5 The CONSULTANT shall review and respond to, or take other appropriate action upon, a Contractor's submission of any RFI in accordance with the requirements of the Construction Documents and at the direction of the Project Manager.

3.16 Reimbursable Expenses - If authorized as part of the CITY approved Work Order and proper documentation is provided to the CITY by the CONSULTANT, reimbursable expenses will be paid to the CONSULTANT. Reimbursable Expenses include expenses incurred by CONSULTANT, its employees and Sub-Consultants directly related to the performance of work under this Agreement or a Work Order, but do not include travel, lodging, food, or other similar discretionary expenses unless such expenses are expressly pre-approved in writing by the City. Reimbursement shall be based on a multiple of (1) times the expenses incurred supported by appropriate documentation. The following are reimbursable expenses which the CITY will consider:

3.16.1 Expenses of CITY-approved surveys of project sites and buildings, if paid by the CONSULTANT; or,





3.16.2 Expenses of CITY-approved testing (such as strength of materials, soils, chemical, mechanical or other tests), if paid by the CONSULTANT; or,

3.16.3 Document Reproduction Expenses:

(a) The CONSULTANT shall verify with the CITY all Submittals which will be required for each Work Order, and the medium, format and quantities of documents required for each Submittal.

(b) The CITY, at its option, may direct the CONSULTANT to provide CAD, PLT, and/or PDF files of Construction Documents for CITY in-house reproduction, and/or for reproduction by CITY-approved vendors.

(c) The CONSULTANT shall, at no additional cost to the CITY, provide three (3) full-size hard copies (24" x 36") of the final CITY-approved Construction Documents. These copies shall represent the approved-for-bid and/or approved-for-permit versions of the documents.

(d) Except as provided for in Section 3.16.3(c) of this Agreement, the CITY shall reimburse the CONSULTANT for the actual costs associated with reproduction of documents required by the CITY or by the Building Department for Submittals for review and approval.

(e) The CITY shall not reimburse the CONSULTANT for any electronic storage devices, nor for the time expended to transfer electronic data to the storage devices, for required Submittals.

(f) The CITY shall not reimburse the CONSULTANT for reproduction of documents for failure to obtain required approvals.

(g) The CITY shall not reimburse the CONSULTANT for CONSULTANT's in-house document reproduction.

3.17 CONSULTANT and its subconsultants shall comply with the applicable provisions of the City of Pembroke Pines Code of Ordinances.

3.18 The CONSULTANT retains the right to place one CITY-approved sign, if applicable, at the location of each Project undertaken pursuant to the terms of this Agreement. Said sign may be displayed at an entry or access point at each location, posted only upon commencement of actual construction of a Project and shall be removed by the CONSULTANT upon completion of construction of each Project.

3.19 CONSULTANT hereby represents to CITY, with full knowledge that CITY is relying upon these representations when entering into this Agreement with CONSULTANT, that CONSULTANT has the professional expertise, experience and manpower to perform the services to be provided by CONSULTANT pursuant to the terms of this Agreement.



## **ARTICLE 4**

### **WORK ORDER ASSIGNMENT PROCESS**

Each Project assigned under this Agreement shall follow the Work Order Assignment Process outlined in this Article and depicted in the flowchart attached as Exhibit “C”. This process establishes the steps for initiating, developing, and authorizing a Work Order, beginning with the issuance of a Work Order Request and concluding with the CITY’s execution of a formal Work Order.

4.1 In connection with each Work Order to be assigned by the CITY to the CONSULTANT pursuant to this Agreement, the CITY will initiate the assignment by transmitting a Work Order Request by written notice (including e-mail) to the CONSULTANT to request a Scoping Meeting.

4.2 Within seven (7) Days after initial contact by CITY, the CONSULTANT shall schedule the Scoping Meeting. The CONSULTANT shall be responsible for contacting and requesting that the parties designated by the CITY, and/or indicated on the written request form, and/or other parties necessary for the CONSULTANT to provide the required services, attend the Scoping Meeting.

4.3 The CONSULTANT shall coordinate, conduct and document the Scoping Meeting, which may include a walk-through of the Project Site to determine the detailed requirements necessary to develop the deliverables to be provided under the Work Order, including but not limited to Construction Documents, Surveying and Mapping Documents, reports, studies, or other technical documentation.

4.4 The objective of the Scoping Meeting is to confirm the CITY’s needs and reach mutual agreement between the CONSULTANT and the CITY on the key elements required to develop the Scoping Meeting Report and ultimately the Work Order, including:

4.4.1 Final Scope of Services means the agreed-upon description of the CONSULTANT’S SERVICES to be performed under a Work Order.

4.4.2 The Project Schedule, including all milestone dates, Submittal Schedules, and coordination requirements.

4.4.3 The CONSULTANT’s preliminary Opinion of Probable Construction Cost, if applicable; and

4.4.4 The CONSULTANT’s preliminary proposed cost and proposed method of compensation (Hourly Not-to-Exceed, Lump Sum, or Milestone-Based) to perform services under the anticipated Work Order.

4.5 The CONSULTANT shall submit a Scoping Meeting Report to the CITY for review and approval within fifteen (15) Days of the date of the Scoping Meeting. CONSULTANT shall be required to utilize the template provided for in Exhibit “D” titled “Scoping Meeting Report Template”

4.6 If the information provided by the CITY is insufficient to determine a Scope of Services,



then within seven (7) Days of the Scoping Meeting, the CONSULTANT shall request in writing that the CITY provide such information as necessary. The CONSULTANT shall have a total of fifteen (15) Days from the date of the Scoping Meeting (excluding the time that transpires between CONSULTANT's written request for additional information and CONSULTANT's receipt of such information) within which to submit the Scoping Meeting Report to the CITY. If the CONSULTANT fails to submit the required Scoping Meeting Report within the prescribed timeframe, and no written extension has been granted by the CITY, the CITY may, at its sole discretion, elect to terminate discussions for the Project and proceed in accordance with Section 4.7.2 of this Agreement.

4.7 The CITY shall review and either agree or disagree with the Scoping Meeting Report in writing. If the CITY agrees with the Report, the PM will begin the process to issue a Work Order for the Project. If the CITY does not agree with the Scoping Meeting Report, the CITY shall direct CONSULTANT to proceed with one of the following:

4.7.1 Provide CONSULTANT with feedback on Scoping Meeting Report and request CONSULTANT to resubmit; or

4.7.2 Provide CONSULTANT with written intent to terminate discussions; or

4.7.3 Provide CONSULTANT with written intent to re-procure the services under a new CCNA solicitation if the Opinion of Probable Construction Cost of a Project, or the CONSULTANT's proposed fee for study activity, exceeds the thresholds established in Section 287.055 Florida Statutes, as may be amended from time to time.

4.7.4 Notify CONSULTANT of CITY's intent to cancel project.

4.8 If the CONSULTANT and the CITY are unable to reach agreement for a specific project, both parties will be relieved of any and all obligations under the assignment request.

4.9 The CITY shall provide written notice to the CONSULTANT of its final decision regarding the CITY's review of the Scoping Meeting Report and any determinations made pursuant to paragraph 4.7 or other applicable provisions of this Agreement

4.10 Any services performed by the CONSULTANT without a Work Order issued by the CITY, or other written authorization by the CITY to proceed beyond the activities initiated by a Work Order Request, shall be at the CONSULTANT's sole risk and expense.

4.11 If the CITY issues a Work Order to the CONSULTANT, the CONSULTANT shall commence its professional services as provided in this Agreement and within a Work Order. The CITY-accepted Project Schedule shall be attached to the Work Order.

4.12 The CONSULTANT shall comply with the Project Schedule(s) as agreed upon in the Scoping Meeting Report. The schedule(s) must include time allowances for required reviews and approvals by outside permitting or regulatory agencies, if applicable, and by the CITY. With the exception of the final review, the CONSULTANT may continue its work during the CITY's review periods at its own risk



4.13 If the timelines initially established for a Project are exceeded or extended through no fault of the CONSULTANT, the CONSULTANT shall not be entitled to any additional compensation for delays, including delays resulting from CITY-initiated actions or other unforeseen circumstances. However, the CONSULTANT may, with the CITY's prior written approval, adjust or re-sequence the schedules of assigned Projects and Work Orders as necessary to maintain overall workflow and production efficiency under this Agreement.

4.14 The CONSULTANT shall notify the PM of proposed changes to an approved Work Order Project Schedule in writing, within seven (7) Days of any proposed change. Proposed changes to the Project Schedule must be approved by CITY in writing.

4.15 The CONSULTANT shall submit to the Project Manager, via email, a monthly status report summarizing all active Work Orders assigned under this Agreement. The report shall be submitted no later than the first day of each month and shall include, at a minimum, the following information for each Work Order:

- 4.15.1 Project name, Work Order number, and brief description of the services being performed.
- 4.15.2 Current phase or stage of completion, including percentage of work completed to date.
- 4.15.3 Key milestones achieved during the prior reporting period and upcoming milestones or deliverables.
- 4.15.4 Summary of coordination activities with the City, sub-consultants, and outside permitting or regulatory agencies.
- 4.15.5 Any schedule variances, anticipated delays, or issues requiring City action or direction.
- 4.15.6 Financial summary showing the approved fee, total billed to date, and remaining balance for each Work Order; and
- 4.15.7 Other information or updates reasonably requested by the Project Manager to assist in monitoring the Consultant's overall performance under this Agreement.

4.16 Time is of the essence in the performance of the CONSULTANT's Services under each Work Order. The CITY and CONSULTANT acknowledge that failure to adhere to the approved Project Schedule may cause delay-related impacts to the CITY that are difficult to quantify at the time of contracting. Accordingly, if the CONSULTANT fails to achieve a milestone or deliverable date established in the Project Schedule, and such delay is not excused in writing by the CITY, the CONSULTANT shall be liable for liquidated damages in the amount of **One Hundred Dollars (\$100.00) per calendar Day** for each day of unexcused delay beyond the milestone completion date, until the milestone is achieved. The Parties agree that this amount represents a fair and reasonable estimate of the CITY's anticipated damages and is not a penalty. Liquidated damages may be withheld by the CITY from any payments due to the CONSULTANT under the applicable Work Order. Liquidated damages shall apply only to the milestone identified in the applicable Work Order as the final completion and submittal of the Construction Documents, including final plans, specifications, and the Estimate of Probable Construction Cost, unless otherwise defined in



writing by the CITY.

## **ARTICLE 5**

### **CITY'S RESPONSIBILITIES**

In addition to responsibilities contained throughout this Agreement, the CITY's responsibilities include the following:

5.1 The CITY shall provide Work Order Requests to the CONSULTANT that clearly identify the proposed Project and serve as directives for professional services to be performed under this Agreement. Each Work Order Request shall reasonably define the anticipated Scope of Services, Project Schedule, and the estimated Construction Budget for the Project, and shall include any background information or supporting documentation available to assist the CONSULTANT in preparing for the Scoping Meeting.

5.2 The CITY shall designate one person as the Project Manager (PM) for each Project and may assign other representatives as necessary to act on the CITY's behalf. The Project Manager shall serve as the CITY's primary point of contact and shall have authority to make decisions and issue directions on routine project matters in accordance with this Agreement.

5.3 The CITY's designated representatives shall make all required decisions, approvals, and responses in a timely manner so as not to unreasonably delay the progress of the CONSULTANT's services.

5.4 The CITY shall provide written notice to the CONSULTANT of its approval, conditional approval, or disapproval of the CONSULTANT's Submittals, including design documents, Construction Documents, and other deliverables necessary to maintain the Project Schedule and ensure timely completion of the Project. All required corrections, clarifications, or revisions identified by the CITY, the CITY's Project Manager, or other governing agencies having jurisdiction shall be incorporated by the CONSULTANT at no additional cost to the CITY. The CONSULTANT's Services shall not be considered complete until all such required revisions have been satisfactorily addressed and final approval has been obtained.

5.5 To the extent requested by the CONSULTANT, the CITY shall furnish available survey information for the Project Site, including easements, and provide all existing drawings, specifications, and related documents pertinent to the Project

5.6 To the extent requested by the CONSULTANT, the CITY shall furnish all available information regarding existing utilities (public and private), known hazardous materials, and associated reports, and shall provide or make available existing geotechnical data or test boring reports necessary for evaluating subsurface conditions.

5.7 At the CONSULTANT's request, the CITY may arrange for or authorize any required testing, inspections, or reports necessary to support the Project design or permitting, including but not limited to structural, chemical, mechanical, soil, environmental, or materials testing. The CITY may also direct the CONSULTANT to obtain such services when appropriate. The CONSULTANT shall recommend the type, location, and extent of any tests needed to support the



Project design or permitting.

## ARTICLE 6

### **PERFORMANCE BY CONSULTANT AND SUCCESSOR CONSULTANT**

6.1 It is understood and agreed by the CONSULTANT that this is an Agreement for professional services of the CONSULTANT, and of the CONSULTANT's qualified representatives, except that the CONSULTANT named retains full responsibility to the CITY.

6.2 If for any reason, the CONSULTANT delays a project(s) or is otherwise unable to perform or fails to perform the services under this Agreement, the CITY reserves the exclusive right to recommend a successor CONSULTANT or terminate the services of the CONSULTANT pursuant to Section 7.4 of this Agreement.

#### 6.3 SUCCESSOR ARCHITECT AND/OR ENGINEER

6.3.1 If the professional services of CONSULTANT are terminated before completion of the design services for any assigned Work Order(s), the CITY may:

6.3.1.1 Assign a new CONSULTANT from a list of active, experienced firms currently under contract with the CITY. Work Orders will be assigned based on ranking established by the evaluation committee. The firm's workload, qualifications for the task and performance on previous assignments will also be considered; or,

6.3.1.2 Elect to complete the remainder of the professional services with in-house staff; or,

6.3.1.3 A combination of 6.3.1.1. and 6.3.1.2 above.

6.4 The CITY may, for projects where the design has been completed by the original Architect (or Engineer) of Record, authorize staff to assign a Successor Architect or Engineer to become the construction contract administrator without becoming the Successor Architect (or Engineer) of Record.

6.5 Procedures for a Successor Registered Architect adopting the work of another Registered Architect shall be in accordance with the Florida Administrative Code 61G1-18.002.

6.6 Procedures for a Successor Professional Engineer adopting the work of another Professional Engineer shall be in accordance with the Florida Administrative Code 61G15-27.001.

6.7 Successor Professionals. For any other professional services authorized under this Agreement, including but not limited to surveying, mapping, or other consulting disciplines governed by Chapter 287.055, Florida Statutes, any subsequent professional assuming responsibility for work initiated by another shall comply with all applicable Florida laws and administrative rules governing their profession. The successor professional shall independently verify the accuracy and completeness of any prior work and shall be fully responsible for all documents they sign and seal.





## ARTICLE 7

### **TERM FOR PERFORMANCE AND TERMINATION**

7.1 CONSULTANT shall perform the services identified in Article 3 within the time frame set agreed upon by the Parties in each approved Work Order. Minor adjustments to the timetable for completion approved by CITY in advance, in writing, will not constitute non-performance by CONSULTANT pursuant to this Agreement.

7.2 This Agreement shall take effect as of the date of execution as shown herein below and continue for such time as is contemplated by the CITY for projects which the CITY from time to time authorizes CONSULTANT's services in connection therewith. Notwithstanding the foregoing, the Term of this Agreement shall be for a three (3) year period. The Term of this Agreement may be renewed for up to two (2) additional periods of three (3) year each, upon the mutual consent of the Parties, evidenced by a written amendment to this Agreement extending the Term thereof.

7.3 **Termination for Convenience.** This Agreement may be terminated by either Party for convenience, upon providing thirty (30) Days of written notice to the non-terminating Party for such termination in which event CONSULTANT shall be paid its compensation for services performed to termination date, including services reasonably related to termination [NOTE: CONSULTANT may not terminate approved Work Orders for convenience after they have been accepted as work orders/addendums to this Agreement.] In the event that the CONSULTANT abandons this Agreement or causes it to be terminated, CONSULTANT shall indemnify the CITY against any loss pertaining to this termination. All finished or unfinished documents, data, studies, plans, surveys, and reports prepared by CONSULTANT shall become the property of CITY and shall be delivered by CONSULTANT to CITY immediately.

7.4 **Termination for Cause.** In addition to all other remedies available to CITY, this Agreement or any Work Order shall be subject to cancellation by CITY for cause should the CONSULTANT or any of its sub-consultants fail or refuse to properly or timely perform any of its obligations under this Agreement or any Work Order. The CITY shall notify the CONSULTANT of the failure(s) in writing, which shall include electronic messaging, and the CONSULTANT shall have seven (7) Days to cure the failure(s). Should the CONSULTANT fail to cure the failure(s) within that time, the CITY may send a second written notice terminating the Work Order or this entire Agreement for Cause, identifying the continuing failure(s). Upon receipt of that second notice, the CONSULTANT shall cease all further work on the Project(s) and immediately turn over to the CITY all documents regarding the Project(s) including, without limitation, all work performed by the CONSULTANT, whether complete or incomplete, approved, rejected or pending with the CITY. Nothing contained herein shall affect the CONSULTANT's professional responsibility regarding the Project(s). If the CITY terminates the Work Order and/or this Agreement for cause, the CITY shall determine and pay any amounts owed to the CONSULTANT for services rendered prior to the date of termination of this Agreement or Work Order, less the amount of any claim(s) the CITY may have against the CONSULTANT. Furthermore, notices to cure issued by the CITY will be taken into consideration by the CITY in the issuance of additional Work Orders and/or future contracts with the CITY.

7.5 **Work Order Suspension.** The CITY reserves the right to suspend a Work Order at any



time. If the suspension is due to no fault of the CONSULTANT, the CONSULTANT shall be compensated in accordance with the level of completion the CONSULTANT has achieved at the time the notice of suspension is served, as determined by the CITY.

7.5.1 If the Work Order is reinstated by the CITY after having been suspended for more than three (3) months, the CONSULTANT's compensation may be adjusted by the addition of documented project resumption expenses. Project resumption expenses are intended to compensate the CONSULTANT for all costs and expenses which are directly or indirectly attributable to resumption of the CONSULTANT's services after a Work Order suspension.

7.5.2 Project resumption expenses are applicable only to a Work Order suspension by the CITY and may be negotiated based on CONSULTANT's documented expenses to resume work.

## **ARTICLE 8**

### **COMPENSATION AND METHOD OF PAYMENT**

8.1 CITY agrees to compensate CONSULTANT for each Work Order issued by the CITY from time to time on an as-needed basis. The method of compensation—Hourly Not-to-Exceed, Lump Sum, or Milestone-Based—shall be established in each Work Order based on the nature of the services to be performed. The compensation amount will be in accordance with the CONSULTANT's Labor Rates more particularly described in **Exhibit "E"** and shall not exceed the approved Work Order amount.

8.2 CONSULTANT shall be entitled to invoice CITY on a monthly basis for services performed in accordance with this Agreement and any approved Work Orders issued hereunder. The invoice shall include, at a minimum, Project name, date of service, staff classification, time expended (if Hourly Not-to-Exceed), a description of the services performed, and any other information reasonably required by CITY. For Lump Sum or Milestone-Based Work Orders, invoices shall identify the completed deliverable or milestone associated with the payment request.

8.3 Compensation Structure. Compensation for the Services may be structured in accordance with one or more of the following methods, as set forth in the applicable Work Order:

8.3.1 Hourly Not-to-Exceed (NTE): Compensation based on actual hours worked multiplied by approved hourly rates, not to exceed the total Work Order amount.

8.3.2 Lump Sum: A fixed total amount for the defined Scope of Services, payable as a single payment or in installments tied to deliverables or milestones, as set forth in the Work Order.

8.3.3 Milestone-Based: A total fixed amount allocated to specific milestones or deliverables, with payment upon completion and acceptance by the CITY.

8.4 Lump Sum and Milestone-Based compensation shall be based on the CONSULTANT's proposed scope and level of effort and shall only be adjusted through written modification approved by the CITY.



8.5 Submittals for Reimbursable Expenses shall include supporting documentation including receipts and invoices for the actual costs incurred, as authorized in the Work Order

8.6 The Parties agree that any changes to the CONSULTANT'S SERVICES identified by the CITY as an error or omission on the part of the CONSULTANT (including its Sub-Consultants or any other specialty consultant(s)) shall be considered an additional cost to the CITY which would not have been incurred but for such error or omission. The CITY shall not be responsible for the cost of additional services required to correct such errors or omissions. The CITY reserves the right to withhold from the CONSULTANT fees or CONSULTANT's request for payment such amounts for the CONSULTANT's errors and omissions, as determined by the CITY, after a meeting with the CONSULTANT and CITY staff. The CONSULTANT shall retain all rights to assert a claim to recover any amount so withheld in the manner provided by this Agreement. The CONSULTANT recognizes that the CITY's right to withhold payments is a material inducement to the CITY entering into this Agreement. Withholding any monies herein shall not be deemed a default and/or breach of this Agreement by the CITY and the CONSULTANT shall continue performance of all services required under this Agreement notwithstanding such withholding of monies by the CITY. The recovery of additional costs to the CITY under this paragraph shall not limit or preclude recovery for other separate and/or additional damages that the CITY may otherwise incur.

8.6.1 Paragraph 8.4 of this Agreement does not apply to changes requested by the CITY.

8.7 CONSULTANT expressly recognizes that CONSULTANT's acceptance of this Agreement does not guarantee any work or minimum fee to be paid to CONSULTANT and that the Services will be assigned on an as-needed project specific basis.

8.8 CITY will make its best efforts to pay CONSULTANT within thirty (30) Days of receipt of proper invoice the total shown to be due on such invoice. All payments shall be governed by the Local Government Prompt Payment Act, as set forth in Part VII, Chapter 218, Florida Statutes.

8.9 If any of the required services or deliverables are rejected by the CITY, the CONSULTANT shall, at no additional cost, correct or revise such services until accepted by the CITY. Additionally, payment may be withheld by the City Manager, for failure of CONSULTANT to comply with a term, condition, or requirement of this Agreement.

8.10 **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.

8.11 **Post Contractual Obligations.** In the event that the term of this Agreement expires, and the CITY has already initiated a Work Order pursuant to this Agreement, the CONSULTANT agrees to continue providing services, at the rates and terms set forth herein, until completion of the assignment(s)/project(s). Notwithstanding the foregoing, these post contractual obligations shall be at the discretion of the CITY should this Agreement be terminated pursuant to Section 7.3,



Section 7.4 or Article 18 herein.

8.12 **Rate Adjustments.** The Labor Rates established in Exhibit “E” shall remain firm through **December 31, 2026**. Effective **January 1, 2027**, and annually thereafter, such rates shall be automatically adjusted based on the percentage change in the Producer Price Index (“PPI”) for Architectural, Engineering and Related Services, Not Seasonally Adjusted as published by U.S. Department of Labor, Bureau of Labor Statistics Detailed Report Series ID: PCU5413--5413--([https://data.bls.gov/timeseries/PCU5413--5413--&output\\_view=pct\\_12mths](https://data.bls.gov/timeseries/PCU5413--5413--&output_view=pct_12mths)), using the June-to-June change for the year immediately preceding the adjustment, or five percent (5%), whichever is less, but not less than zero percent (0%).

8.12.1 Each Work Order issued under this Agreement shall be governed by the labor rates in effect under this Agreement at the time the Work Order is issued by the CONSULTANT and accepted by the CITY. Any approved rate adjustments to this Agreement shall apply only to Work Orders issued after the effective date of the such adjustments. Work Orders issued prior to the effective date of any rate adjustment shall remain subject to the rates in effect at the time of issuance and acceptance and shall remain firm for the full duration of the applicable Work Order. The CONSULTANT shall ensure that all Sub-Consultants comply with the same requirements and that no Sub-Consultant rate increases are implemented without prior written approval by the CITY.

## **ARTICLE 9**

### **CHANGES TO SCOPE OF WORK AND ADDITIONAL WORK**

9.1 CITY or CONSULTANT may from time-to-time request changes that would increase, decrease, or otherwise modify the Scope of Work, as described in each approved Work Order to be provided under this Agreement subject to the requirements set forth in §287.055, Florida Statutes. Such changes or additional work must be in accordance with the provisions of the CITY’s Code of Ordinances and must be contained in a written Supplemental Work Order, executed by the Parties hereto, with the same formality, equality and dignity herewith prior to any deviation from the terms of this Agreement, including the initiation of any additional or extra work.

9.2 CONSULTANT shall continue work when seeking Supplemental Work Order unless work has not been authorized herein, or by written amendment or change order, executed by the parties hereto, with the same formality, equality, and dignity herewith. Work to be performed while seeking a Supplemental Work Order which has not been described herein or in a separate written agreement shall be performed at the CONSULTANT’s own risk. CITY shall not be responsible for any payments requested pursuant to a change order until the change order is approved by the CITY.

9.3 In the event that the CITY and the CONSULTANT are unable to reach agreement as to the amount and/or method of compensation for any additional service requested by the CONSULTANT (whether specifically identified herein or otherwise), the CITY may, at its sole option, have those services performed by a third party. Performance by a third party of such services as directed by the CITY shall not relieve the CONSULTANT of his/her responsibilities or obligations under this Agreement, including without limitation, the CONSULTANT’s



obligations as Architect of Record.

9.4 The CITY's election to utilize a third party to perform such services shall not entitle the CONSULTANT to request, nor obligate the CITY to pay, any additional fees to the CONSULTANT. The CITY agrees that in the event a third party is employed by the CITY under this paragraph, the CONSULTANT shall not be held responsible for the performance of such third party and shall have no responsibility relating to review, approval or administration of such third party retained by the CITY.

9.5 In no event will the CONSULTANT be compensated for any services which have not been described either herein or in a separate written agreement executed by the Parties hereto.

## **ARTICLE 10**

### **INDEMNIFICATION**

10.1 The CONSULTANT shall indemnify and hold harmless the CITY, its officers and employees from any and all liability, losses or damages, including reasonable attorneys' fees and costs of defense, which the CITY, its officers and employees, may incur as a result of claims, demands, suits, causes of actions or proceedings of any kind or nature to the extent such claims are caused by negligence, recklessness, or intentional wrongful conduct of the CONSULTANT and other persons employed or utilized by CONSULTANT during performance of this Agreement. The CONSULTANT shall pay all claims and losses in connection therewith and shall investigate and defend all claims, suits or actions of any kind or nature in the name of the CITY, where applicable, including appellate proceedings, and shall pay all costs, judgments, and reasonable attorneys' fees which may issue thereon. The CONSULTANT expressly understands and agrees that any insurance protection required by this Agreement or otherwise provided by the CONSULTANT shall in no way limit the responsibility to indemnify, keep and save harmless and defend the CITY or its officers, employees, agents and instrumentalities as herein provided.

10.2 CONSULTANT's aggregate liability shall not exceed the proceeds of insurance required to be placed pursuant to this Agreement plus the total compensation received by CONSULTANT.

10.3 Parties understand and agree that the covenants and representations relating to this indemnification provision shall survive the term of this Agreement and continue in full force and effect as to the party's responsibility to indemnify.

## **ARTICLE 11**

### **INSURANCE**

11.1 The CONSULTANT expressly understands and agrees that any insurance protection required by this Agreement or otherwise provided by the CONSULTANT shall not limit the responsibility to indemnify, keep and save harmless and defend the CITY or its officers, employees, agents and instrumentalities as herein provided.

11.2 CONSULTANT AND ALL SUBCONSULTANTS, SHALL NOT BE ALLOWED TO commence work under this AGREEMENT until the CONSULTANT has obtained all insurance required by this Insurance Section, including the purchase of a Policy of Insurance naming the





City of Pembroke Pines as an Additional Named Insured, which Insurance Policy and its terms must be agreed to and approved in writing by the Risk Manager for the City of Pembroke Pines, nor shall any SUBCONSULTANT be allowed to commence work under this AGREEMENT until the SUBCONSULTANT complies with the Insurance requirements required by this Insurance Section, including the duty to purchase a Policy of Insurance which names the City of Pembroke Pines as an Additional Named Insured, which Insurance Policy and its terms are agreed to and approved in writing by the Risk Manager for the City of Pembroke Pines.

11.3 Certificates of Insurance, reflecting evidence of the required insurance, shall be filed with the CITY's Risk Manager prior to the commencement of this Agreement. Policies shall be issued by companies authorized to do business under the laws of the State of Florida. The insurance company shall be rated no less than "A" as to management, and no less than "Class VI" as to financial strength according to the latest edition of Best's Insurance Guide published by A.M. Best Company.

11.4 Certificates of Insurance shall provide for thirty (30) Days' prior written notice to the CITY in case of cancellation or material changes in the policy limits or coverage states. If the carrier cannot provide thirty (30) Days' notice of cancellation, either the CONSULTANT or their Insurance Broker must agree to provide notice.

11.5 Insurance shall be in force until all obligations required to be fulfilled under the terms of the Agreement are satisfactorily completed as evidenced by the formal acceptance by the CITY. In the event the insurance certificate provided indicates that the insurance shall terminate and lapse during the period of this Agreement, the CONSULTANT shall furnish, at least forty-five (45) Days prior to the expiration of the date of such insurance, a renewed certificate of insurance as proof that equal and like coverage for the balance of the period of the Agreement and extension thereunder is in effect. The CONSULTANT shall neither commence nor continue to provide any services pursuant to this Agreement unless all required insurance remains in full force and effect. CONSULTANT shall be liable to CITY for any lapses in service resulting from a gap in insurance coverage.

#### 11.6 REQUIRED INSURANCE

CONSULTANT shall be required to obtain all applicable insurance coverage, as indicated below, prior to commencing any work pursuant to this Agreement:

Yes No

- ✓ ☐ 11.6.1 Comprehensive General Liability Insurance written on an occurrence basis including, but not limited to: coverage for bodily injury and property damage, personal & advertising injury, products & completed operations, and contractual liability. Coverage must be written on an occurrence basis, with limits of liability no less than:

1. Each Occurrence Limit - \$1,000,000
2. Fire Damage Limit (Damage to rented premises) - \$100,000
3. Personal & Advertising Injury Limit - \$1,000,000
4. General Aggregate Limit - \$2,000,000
5. Products & Completed Operations Aggregate Limit - \$2,000,000





Aggregate Reduction: CONSULTANT shall advise the CITY in the event any aggregate limits are reduced below the required per-occurrence limit. At its own expense, the CONSULTANT will reinstate the aggregate limits to comply with the minimum requirements and shall furnish the CITY with a new certificate of insurance showing such coverage is in force.

Products & Completed Operations Coverage shall be maintained for the later of three (3) years after the delivery of goods/services or final payment under the Agreement. **The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

☒ ☐

11.6.2 Workers' Compensation and Employers' Liability Insurance covering all employees, and/or volunteers of the CONSULTANT engaged in the performance of the scope of work associated with this Agreement. In the case any work is sublet, the CONSULTANT shall require the subcontractors similarly to provide Workers' Compensation Insurance for all the latter's employees unless such employees are covered by the protection afforded by the CONSULTANT. Coverage for the CONSULTANT and all subcontractors shall be in accordance with applicable state and/or federal laws that may apply to Workers' Compensation Insurance with limits of liability no less than:

1. Workers' Compensation: Coverage A – Statutory
2. Employers Liability: Coverage B \$500,000 Each Accident  
\$500,000 Disease – Policy Limit  
\$500,000 Disease – Each Employee

If CONSULTANT claims to be exempt from this requirement, CONSULTANT shall provide CITY proof of such exemption for CITY to exempt CONSULTANT.

Yes No

☐ ☒

11.6.3 Comprehensive Auto Liability Insurance covering all owned, non-owned and hired vehicles used in connection with the performance of work under this Agreement, with a combined single limit of liability for bodily injury and property damage no less than:

1. Any Auto (Symbol 1)  
Combined Single Limit (Each Accident) - \$1,000,000
2. Hired Autos (Symbol 8)  
Combined Single Limit (Each Accident) - \$1,000,000
3. Non-Owned Autos (Symbol 9)  
Combined Single Limit (Each Accident) - \$1,000,000

If work under this Agreement includes transportation of hazardous materials, policy shall include pollution liability coverage equivalent to that provided by the latest version of the ISO pollution liability broadened endorsement for auto and the latest version of the ISO Motor Carrier Act endorsement, equivalents or broader language.

Yes No

☐ ☒

11.6.3.1 If CONSULTANT requests reduced limits under a Personal Auto



Liability Policy and it is agreed to by the CITY, coverage shall include Bodily Injury limits of \$100,000 per person/\$300,000 per occurrence and Property Damage limits of \$300,000 per occurrence.

Yes No

- ✓ ☐ 11.6.4 Umbrella/Excess Liability Insurance in the amount of \$2,000,000 as determined appropriate by the CITY depending on the type of job and exposures contemplated. Coverage must be follow form of the General Liability, Auto Liability and Employer's Liability. This coverage shall be maintained for a period of no less than the later of three (3) years after the delivery of goods/services or final payment pursuant to this Agreement. **The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

- ✓ ☐ 11.6.5 Professional Liability/Errors & Omissions Insurance with a limit of liability no less than \$1,000,000 per wrongful or negligent act. This coverage shall be maintained for a period of no less than three (3) years after the delivery of goods/services final payment pursuant to this Agreement. Retroactive date, if any, to be no later than the first day of service to the CITY.

## 11.7 REQUIRED ENDORSEMENTS

11.7.1 The City of Pembroke Pines shall be named as an Additional Insured on each of the Liability Policies required herein.

11.7.2 Waiver of all Rights of Subrogation against the CITY.

11.7.3 Thirty (30) calendar day Notice of Cancellation or Non-Renewal to the CITY.

11.7.4 CONSULTANT's policies shall be Primary & Non-Contributory.

11.7.5 All policies shall contain a "severability of interest" or "cross liability" clause without obligation for premium payment of the CITY.

11.7.6 The City of Pembroke Pines shall be named as a Loss Payee on all Property and/or Inland Marine Policies as their interest may appear.

11.8 Any and all insurance required of the CONSULTANT pursuant to this Agreement must also be required by any subcontractor in the same limits and with all requirements as provided herein, including naming the CITY as an additional insured, in any work that is subcontracted unless such subcontractor is covered by the protection afforded by the CONSULTANT and provided proof of such coverage is provided to CITY. The CONSULTANT and any subcontractors shall maintain such policies during the term of this Agreement. The CITY reserves the right to require any other additional types of insurance coverage and/or higher limits of liability it deems necessary based on the nature of work being performed under this Agreement.

11.9 The insurance requirements specified in this Agreement are minimum requirements and in no way reduce any liability the CONSULTANT has assumed in the indemnification/hold harmless section(s) of this Agreement.



## **ARTICLE 12**

### **NON-DISCRIMINATION AND EQUAL OPPORTUNITY EMPLOYMENT**

During the performance of the Agreement, neither the CONSULTANT nor any subcontractors shall discriminate against any employee or applicant for employment because of race, religion, color, gender, national origin, sex, age, marital status, political affiliation, familial status, sexual orientation, or disability if qualified. CONSULTANT will take affirmative action to ensure that employees are treated during employment, without regard to their race, religion, color, gender, national origin, sex, age, marital status, political affiliation, familial status, sexual orientation, or disability if qualified. Such actions must include, but not be limited to, the following: employment, promotion, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship. CONSULTANT shall agree to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause. CONSULTANT further agrees that CONSULTANT will ensure that subcontractors, if any, will be made aware of and will comply with this nondiscrimination clause.

## **ARTICLE 13**

### **INDEPENDENT CONTRACTOR**

This Agreement does not create an employee/employer relationship between the parties. It is the intent of the parties that the CONSULTANT is an independent contractor under this Agreement and not the CITY's employee for all purposes, including but not limited to, the application of the Fair Labor Standards Act minimum wage and overtime payments, Federal Insurance Contribution Act, the Social Security Act, the Federal Unemployment Tax Act, the provisions of the Internal Revenue Code, the State Workers' Compensation Act, and the State unemployment insurance law. The CONSULTANT shall retain sole and absolute discretion in the judgment of the manner and means of carrying out CONSULTANT's activities and responsibilities hereunder provided, further that administrative procedures applicable to services rendered under this Agreement shall be those of CONSULTANT, which policies of CONSULTANT shall not conflict with CITY, State, or United States policies, rules or regulations relating to the use of CONSULTANT's funds provided for herein. The CONSULTANT agrees that it is a separate and independent enterprise from the CITY, that it has full opportunity to find other business, that it has made its own investment in its business, and that it will utilize a high level of skill necessary to perform the work. This Agreement shall not be construed as creating any joint employment relationship between the CONSULTANT and the CITY and the CITY will not be liable for any obligation incurred by CONSULTANT, including but not limited to unpaid minimum wages and/or overtime premiums.

## **ARTICLE 14**

### **AGREEMENT SUBJECT TO FUNDING**

This Agreement shall remain in full force and effect only as long as the expenditures provided for in the Agreement have been appropriated by the City Commission of the City of Pembroke Pines in the annual budget for each fiscal year of this Agreement and is subject to



termination based on lack of funding.

## **ARTICLE 15**

### **UNCONTROLLABLE FORCES**

15.1 Neither CITY nor CONSULTANT shall be considered to be in default of this Agreement if delays in or failure of performance shall be due to Uncontrollable Forces, the effect of which, by the exercise of reasonable diligence, the non-performing Party could not avoid. The term "Uncontrollable Forces" shall mean any event which results in the prevention or delay of performance by a Party of its obligations under this Agreement and which is beyond the reasonable control of the nonperforming Party. It includes, but is not limited to: fire, flood, earthquakes, storms, lightning, epidemic, pandemic, acts of God, war, riot, civil disturbance, sabotage, and governmental actions.

15.2 Neither Party shall, however, be excused from performance if nonperformance is due to forces, which are preventable, removable, or remediable, and which the nonperforming Party could have, with the exercise of reasonable diligence, prevented, removed, or remedied with reasonable dispatch. The nonperforming Party shall, within a reasonable time of being prevented or delayed from performance by an uncontrollable force, give written notice to the other Party describing the circumstances and uncontrollable forces preventing continued performance of the obligations of this Agreement.

## **ARTICLE 16**

### **GOVERNING LAW AND VENUE**

This Agreement shall be governed by and construed in accordance with the laws of the State of Florida as now and hereafter in force. The venue for any and all claims or actions arising out of or related to this Agreement shall be in Broward County, Florida.

## **ARTICLE 17**

### **SIGNATORY AUTHORITY**

Upon CITY's request, CONSULTANT shall provide CITY with copies of requisite documentation evidencing that the signatory for CONSULTANT has the authority to enter into this Agreement.

## **ARTICLE 18**

### **DEFAULT OF CONTRACT & REMEDIES**

18.1 **Damages.** CITY reserves the right to recover any ascertainable actual damages incurred as a result of the failure of CONSULTANT to perform in accordance with the requirements of this Agreement, or for losses sustained by CITY resultant from CONSULTANT's failure to perform in accordance with the requirements of this Agreement.

18.2 **Correction of Work.** If, in the judgment of CITY, the services provided by CONSULTANT do not conform to the requirements of this Agreement, or if the services exhibit poor workmanship, CITY reserves the right to require that CONSULTANT correct all deficiencies



in the services to bring the services into conformance without additional cost to CITY, and / or replace any personnel who fail to perform in accordance with the requirements of this Agreement. CITY shall be the sole judge of non-conformance and the quality of services.

18.3 **Default of Contract.** The occurrence of any one or more of the following events shall constitute a default and breach of this Agreement by CONSULTANT for which CITY may terminate for cause:

18.3.1 The abandonment, unnecessary delay, refusal of, or failure to comply with any of the terms of this Agreement or neglect, or refusal to comply with the instructions of the Project Manager or other CITY designee.

18.3.2 The failure by CONSULTANT to observe or perform any of the terms, covenants, or conditions of this Agreement to be observed or performed by CONSULTANT, where such failure shall continue for a period of seven (7) Days after written notice thereof by CITY to CONSULTANT; provided, however, that if the nature of CONSULTANT's default is such that more than seven (7) Days are reasonably required for its cure, then CONSULTANT shall not be deemed to be in default if CONSULTANT commences such cure within said seven (7) Day period and thereafter diligently prosecutes such cure to completion.

18.3.3 The assignment and/or transfer of this Agreement or execution or attachment thereon by CONSULTANT or any other Party in a manner not expressly permitted hereunder.

18.3.4 The making by CONSULTANT of any general assignment or general arrangement for the benefit of creditors, or the filing by or against CONSULTANT of a petition to have CONSULTANT adjudged a bankruptcy, or a petition for reorganization or arrangement under any law relating to bankruptcy (unless, in the case of a petition filed against CONSULTANT, the same is dismissed within sixty (60) Days); or the appointment of a trustee or a receiver to take possession of substantially all of CONSULTANT's assets, or for CONSULTANT's interest in this Agreement, where possession is not restored to CONSULTANT within thirty (30) Days; for attachment, execution or other judicial seizure of substantially all of CONSULTANT's assets, or for CONSULTANT's interest in this Agreement, where such seizure is not discharged within thirty (30) Days.

18.4 **Remedies in Default.** In case of default by CONSULTANT, CITY shall notify CONSULTANT, in writing, of such abandonment, delay, refusal, failure, neglect, or default and direct CONSULTANT to comply with all provisions of the Agreement. If the abandonment, delay, refusal, failure, neglect or default is not cured within seven (7) Days of when notice was sent by CITY, CITY may declare a default of the Agreement and notify CONSULTANT of such declaration of default and terminate the Agreement.

18.4.1 Upon such declaration of default, all payments remaining due CONSULTANT at the time of default, less all sums due CITY for damages suffered, or expenses incurred by reason of default, shall be due and payable to CONSULTANT.



18.4.2 CITY may complete the Agreement, or any part thereof, either by day labor or re-letting a contract for the same, and procure services necessary for the completion of the Agreement, and charge the cost of same to CONSULTANT with the costs incident thereto to such default.

18.4.3 In the event CITY completes the Agreement at a lesser cost than would have been payable to CONSULTANT under this Agreement, if the same had been fulfilled by CONSULTANT, CITY shall retain such differences. Should such cost to CITY be greater, CONSULTANT shall pay the amount of such excess to the CITY.

## **ARTICLE 19**

### **BANKRUPTCY**

It is agreed that if CONSULTANT is adjudged bankrupt, either voluntarily or involuntarily, then this Agreement shall terminate effective on the date and at the time the bankruptcy petition is filed.

## **ARTICLE 20**

### **DISPUTE RESOLUTION**

In the event that a dispute, if any, arises between CITY and CONSULTANT relating to this Agreement, performance or compensation hereunder, CONSULTANT shall continue to render service in full compliance with all terms and conditions of this Agreement as interpreted by CITY regardless of such dispute. CONSULTANT expressly agrees, in consideration for the execution of this Agreement, that in the event of such a dispute, if any, it will not seek injunctive relief in any court, but will negotiate with CITY for an adjustment on the matter or matters in dispute and, upon failure of said negotiations to resolve the dispute, may present the matter to a court of competent jurisdiction in an appropriate suit therefore instituted by it or by CITY.

## **ARTICLE 21**

### **PUBLIC RECORDS**

21.1 The City of Pembroke Pines is a public agency subject to Chapter 119, Florida Statutes. The CONSULTANT shall comply with Florida's Public Records Law. Specifically, the CONSULTANT shall:

21.1.1 Keep and maintain public records required by the CITY to perform the service.

21.1.2 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, or as otherwise provided by law.

21.1.3 Ensure that public records that are exempt or that are confidential and exempt from public record disclosure requirements are not disclosed except as authorized by law for the duration of the Agreement term and, following completion of





the Agreement, CONSULTANT shall destroy all copies of such confidential and exempt records remaining in its possession after the CONSULTANT transfers the records in its possession to the CITY; and

21.1.4 Upon completion of the Agreement, CONSULTANT shall transfer to the CITY, at no cost to the CITY, all public records in CONSULTANT's possession. All records stored electronically by the CONSULTANT 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.

21.2 The failure of CONSULTANT to comply with the provisions set forth in this Article shall constitute a Default and Breach of this Agreement, for which the CITY may terminate the Agreement in accordance with the terms herein.

**IF CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:**

**CITY CLERK  
601 CITY CENTER WAY, 4th FLOOR  
PEMBROKE PINES, FL 33025  
(954) 450-1050  
[gfernandez@ppines.com](mailto:gfernandez@ppines.com)**

**ARTICLE 22  
SCRUTINIZED COMPANIES**

22.1 CONSULTANT, its principals or owners, certify that they are not listed on the Scrutinized Companies that Boycott Israel List, Scrutinized Companies with Activities in Sudan List, Scrutinized Companies with Activities in Iran Terrorism Sectors List, or is engaged in business operations with Syria. In accordance with Section 287.135, Florida Statutes, as amended, a company is ineligible to, and may not, bid on, submit a proposal for, or enter into or renew a contract with any agency or local governmental entity for goods or services of:

22.1.1 Any amount if, at the time bidding on, submitting a proposal for, or entering into or renewing such contract, the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, Florida Statutes, or is engaged in a boycott of Israel; or

22.1.2 One million dollars or more if, at the time of bidding on, submitting a proposal for, or entering into or renewing such contract, the company:

22.1.2.1 Is 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; or

22.1.2.2 Is engaged in business operations in Syria.

## **ARTICLE 23**

### **EMPLOYMENT ELIGIBILITY**

23.1 **E-Verify.** CONSULTANT certifies that it is aware of and complies with the requirements of Section 448.095, Florida Statutes, as may be amended from time to time and briefly described herein below.

#### **23.1.1 Definitions for this Section.**

23.1.1.1 “Contractor” means a person or entity that has entered or is attempting to enter into a contract with a public employer to provide labor, supplies, or services to such employer in exchange for salary, wages, or other remuneration.

23.1.1.2 “Contractor” includes, but is not limited to, a vendor or consultant.

23.1.1.3 “Subcontractor” means a person or entity that provides labor, supplies, or services to or for a contractor or another subcontractor in exchange for salary, wages, or other remuneration.

23.1.1.4 “E-Verify system” means an Internet-based system operated by the United States Department of Homeland Security that allows participating employers to electronically verify the employment eligibility of newly hired employees.

23.2 **Registration Requirement; Termination.** Pursuant to Section 448.095, Florida Statutes, effective January 1, 2021, Contractors, shall register with and use the E-verify system in order to verify the work authorization status of all newly hired employees. Contractor shall register for and utilize the U.S. Department of Homeland Security’s E-Verify System to verify the employment eligibility of:

23.2.1 All persons employed by a Contractor to perform employment duties within Florida during the term of the contract; and

23.2.2 All persons (including subvendors/subconsultants/subcontractors) assigned by Contractor to perform work pursuant to the contract with the City of Pembroke Pines. The Contractor acknowledges and agrees that registration and 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 with the City of Pembroke Pines; and

23.2.3 The Contractor shall comply with the provisions of Section 448.095, Fla. Stat., "Employment Eligibility," as amended from time to time. This includes, but is not limited to, registration and utilization of the E-Verify System to verify the work authorization status of all newly hired employees. Contractor shall also require all subcontractors to



provide an affidavit attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. The Contractor shall maintain a copy of such affidavit for the duration of the contract. Failure to comply will lead to termination of this Contract, or if a subcontractor knowingly violates the statute, the subcontract must be terminated immediately. Any challenge to termination under this provision must be filed in the Circuit Court no later than twenty (20) Days after the date of termination. Termination of this Contract under this Section is not a breach of contract and may not be considered as such. If this contract is terminated for a violation of the statute by the Contractor, the Contractor may not be awarded a public contract for a period of one (1) year after the date of termination.

## **ARTICLE 24**

### **FEDERAL REQUIREMENTS**

Notwithstanding anything to the contrary set forth herein, CONSULTANT shall comply with the applicable federally required standard provisions, as set forth in 2 C.F.R. Sec. 200.326 and 2 C.F.R. Part 200. In the event of any conflicts, the provisions of 2 C.F.R. Part 200 shall prevail. Any reference made to CONSULTANT in this section shall also apply to any subcontractor under the terms of this Agreement. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all of these contract clauses:

**24.1 Equal Employment Opportunity.** During the performance of this contract, CONSULTANT agrees as follows:

- 24.1.1 CONSULTANT will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. CONSULTANT will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer, recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. CONSULTANT agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause.
- 24.1.2 CONSULTANT will, in all solicitations or advertisements for employees placed by or on behalf of CONSULTANT, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.
- 24.1.3 CONSULTANT will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other



employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with CONSULTANT's legal duty to furnish information.

- 24.1.4 CONSULTANT will send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding, a notice to be provided by the agency contracting officer, advising the labor union or workers' representative of CONSULTANT's commitments under section 202 of Executive Order 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- 24.1.5 CONSULTANT will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- 24.1.6 CONSULTANT will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- 24.1.7 In the event of CONSULTANT's non-compliance with the nondiscrimination clauses of this contract or with any of such rules, regulations, or orders, this Agreement may be canceled, terminated or suspended in whole or in part and CONSULTANT may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- 24.1.8 CONSULTANT will include the provisions of paragraphs (21.1.1) through (21.1.8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. CONSULTANT will take such action with respect to any subcontract or purchase order as may be directed by the Secretary of Labor as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, that in the event CONSULTANT becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction, CONSULTANT may request the United States to enter into such litigation to protect the interests of the United States.

The CITY further agrees that it will be bound by the above equal opportunity clause with respect to its own employment practices when it participates in federally assisted construction work: Provided, that if the CITY so participating is a state or local government, the above equal opportunity clause is not applicable to any agency, instrumentality or subdivision of such government which does not participate in work on



or under the contract.

The CITY further agrees that it will assist and cooperate actively with the administering agency and the Secretary of Labor in obtaining the compliance of contractors and subcontractors with the equal opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor, that it will furnish the administering agency and the Secretary of Labor such information as they may require for the supervision of such compliance, and that it will otherwise assist the administering agency in the discharge of the agency's primary responsibility for securing compliance.

The CITY further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a contractor debarred from, or who has not demonstrated eligibility for, Government contracts and federally assisted construction contracts pursuant to the Executive Order and will carry out such sanctions and penalties for violation of the equal opportunity clause as may be imposed upon contractors and subcontractors by the administering agency or the Secretary of Labor pursuant to Part II, Subpart D of the Executive Order. In addition, the CITY agrees that if it fails or refuses to comply with these undertakings, the administering agency may take any or all of the following actions: Cancel, terminate, or suspend in whole or in part this grant (contract, loan, insurance, guarantee); refrain from extending any further assistance to the CITY under the program with respect to which the failure or refund occurred until satisfactory assurance of future compliance has been received from such CITY; and refer the case to the Department of Justice for appropriate legal proceedings.

24.2 **Davis-Bacon Act.** CONSULTANT shall comply with the Davis-Bacon Act (40 U.S.C. 276a to 276a-7) as supplemented by Department of Labor Regulations (29 CFR Part 5). In accordance with the statute, CONSULTANT must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, CONSULTANT must be required to pay wages not less than once a week.

24.3 **Copeland "Anti-Kickback" Act.** CONSULTANT shall comply with the Copeland "Anti-Kickback" Act, ([40 U.S.C. 3145](#)), as supplemented by Department of Labor regulations ([29 CFR Part 3](#), "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). CONSULTANT must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. CITY must report all suspected or reported violations to the Federal awarding agency.

24.4 **Contract Work Hours and Safety Standards Act (40 U.S.C. 3701- 3708).** Where applicable, pursuant to [40 U.S.C. 3702](#) and [3704](#), as supplemented by Department of Labor regulations ([29 CFR Part 5](#)) CONSULTANT must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of [40 U.S.C. 3704](#) are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions



which are unsanitary, hazardous or dangerous.

24.4.1 **Overtime requirements.** No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

24.4.2 **Violation; liability for unpaid wages; liquidated damages.** In the event of any violation of the clause set forth in paragraph (21.4.1) of this section the CONSULTANT and any subcontractor responsible therefore shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (21.4.1) of this section, in the sum of \$10 for each Day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (21.4.1) of this section.

24.4.3 **Withholding for unpaid wages and liquidated damages.** CITY shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by CONSULTANT or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (21.4.2) of this section.

24.4.4 **Subcontracts.** CONSULTANT or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (21.4.1) through (21.4.4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (21.4.1) through (21.4.4) of this section.

24.5 CONSULTANT agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act ([42 U.S.C. 7401- 7671q](#)) and the Federal Water Pollution Control Act, as amended ([33 U.S.C. 1251- 1387](#)). CITY will report violations to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

24.5.1 **Clean Air Act.** CONSULTANT agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq. CONSULTANT agrees to report each violation to CITY and understands and agrees that the CITY will, in turn, report each violation as required to assure notification to the State,





Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office. CONSULTANT agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance.

**24.5.2 Federal Water Pollution Control Act.** CONSULTANT agrees to comply with all applicable standards, orders or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq. CONSULTANT agrees to report each violation to the CITY and understands and agrees that the CITY will, in turn, report each violation as required to assure notification to the State, Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office. CONSULTANT agrees to include these requirements in each subcontract exceeding one hundred fifty thousand dollars (\$150,000) financed in whole or in part with Federal assistance.

**24.6 Suspension and Debarment.** This Agreement is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000, as such CONSULTANT is required to verify that none of the contractor's agents, principals (defined at 2 C.F.R. § 180.995), or affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).

**24.6.1** CONSULTANT must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into. This certification is a material representation of fact relied upon by CITY. If it is later determined that CONSULTANT did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to State and CITY, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.

**24.6.2** 21.6.2 The bidder or proposer agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

**24.7 Byrd Anti-Lobbying Amendment, as amended (31 U.S.C. § 1352).** CONSULTANT shall file the required certification pursuant to 31 U.S.C. 1352. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient.

**24.8 Compliance with State Energy Policy and Conservation Act.** CONSULTANT shall comply with all mandatory standards and policies relating to energy efficiency contained in the State energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub. L. 94-163, 89 Stat. 871).



24.9 **Procurement of Recovered Materials.** The CITY and CONSULTANT must comply with Section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

24.10 **Reporting.** Pursuant to 44 CFR 13.36(i)(7), CONSULTANT shall comply with federal requirements and regulations pertaining to reporting, including but not limited to those set forth at 44 CFR 40 and 41, if applicable. Furthermore, both parties shall provide the CITY, the applicable Federal Administrator, the Comptroller General of the United States, or any of their authorized representative access to any books, documents, papers, and records of CONSULTANT which are directly pertinent to this contract for the purpose of making audits, examinations, excerpts, and transcriptions. Also, both Parties agree to provide the applicable Federal Administrator or his authorized representative access to construction or other work sites pertaining to the work being completed under the Agreement.

24.11 **Rights to Inventions.** CONSULTANT agrees that if this Agreement results in any copyrightable materials or inventions, the Federal Government reserves a royalty- free, nonexclusive and irrevocable license to reproduce, publish or otherwise use the copyright of said materials or inventions for Federal Government purposes.

24.12 **No Obligation by the Federal Government.** The federal government is not a party to this contract and is not subject to any obligations or liabilities to the non-federal entity, contractor, or any other party pertaining to any matter resulting from the contract.

24.13 **DHS Seal, Logo, and Flags.** CONSULTANT shall not use DHS(s), logos, crests, or reproductions of flags or likenesses of DHS agency officials without specific federal pre-approval.

24.14 **Compliance with Federal Law, Regulations, and Executive Orders.** This is an acknowledgement that federal financial assistance will be used to fund the Agreement only. CONSULTANT will comply with all applicable federal law, regulations, executive orders, policies, procedures, and directives.

24.15 **Fraudulent Statements.** CONSULTANT acknowledges that 31 U.S.C. Chap. 38 applies to CONSULTANT's actions pertaining to this Agreement.

24.16 **Prohibition on Contracting for Covered Telecommunications Equipment or Services.** As used in this clause, the terms backhaul; covered foreign country; covered telecommunications equipment or services; interconnection arrangements; roaming; substantial or essential component; and telecommunications equipment or services have the meaning as defined in FEMA Policy 405-143-1, Prohibitions on Expending FEMA Award Funds for Covered Telecommunications Equipment or Services (Interim), as used in this clause.



## 24.16.1 Prohibitions.

- 24.16.1.1 Section 889(b) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019, Pub. L. No. 115-232, and 2 C.F.R. § 200.216 prohibit the head of an executive agency on or after Aug.13, 2020, from obligating or expending grant, cooperative agreement, loan, or loan guarantee funds on certain telecommunications products or from certain entities for national security reasons.
- 24.16.1.2 Unless an exception in paragraph 21.16.3 of this clause applies, the CONSULTANT and its subcontractors may not use grant, cooperative agreement, loan, or loan guarantee funds from the Federal Emergency Management Agency to: Procure or obtain any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology of any system;
- 24.16.1.3 Enter into, extend, or renew a contract to procure or obtain any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology of any system;
- 24.16.1.4 Enter into, extend, or renew contracts with entities that use covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system; or
- 24.16.1.5 Provide, as part of its performance of this contract, subcontract, or other contractual instrument, any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system.

## 24.16.2 Exceptions.

- 24.16.2.1 This clause does not prohibit CONSULTANT from providing: (i) A service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or (ii) Telecommunications equipment that cannot route or redirect user data traffic or permit visibility into any user data or packets that such equipment transmits or otherwise handles.
- 24.16.2.2 By necessary implication and regulation, the prohibitions also do not apply to: (i) Covered telecommunications equipment or services that: i. Are not used as a substantial or essential component of any system; and ii. Are not used as critical technology of any system. (ii) Other telecommunications equipment or services that are not considered covered telecommunications



equipment or services.

### 24.16.3 **Reporting Requirement.**

24.16.3.1 In the event CONSULTANT identifies covered telecommunications equipment or services used as a substantial or essential component of any system, or as critical technology as part of any system, during contract performance, or the contractor is notified of such by a subcontractor at any tier or by any other source, the contractor shall report the information in paragraph 21.16.3.2 of this clause to the recipient or sub recipient, unless elsewhere in this contract are established procedures for reporting the information.

24.16.3.2 The CONSULTANT shall report the following information pursuant to paragraph 21.16.3.1 of this clause: (i) Within one business day from the date of such identification or notification: The contract number; the order number(s), if applicable; supplier name; supplier unique entity identifier (if known); supplier Commercial and Government Entity (CAGE) code (if known); brand; model number (original equipment manufacturer number, manufacturer part number, or wholesaler number); item description; and any readily available information about mitigation actions undertaken or recommended. (ii) Within ten (10) business days of submitting the information in paragraph 25.16.3.1 of this clause: Any further available information about mitigation actions undertaken or recommended. In addition, the contractor shall describe the efforts it undertook to prevent use or submission of covered telecommunications equipment or services, and any additional efforts that will be incorporated to prevent future use or submission of covered telecommunications equipment or services. The CONSULTANT shall insert the substance of this clause, including this in all subcontracts and other contractual instruments.

24.17 **Domestic Preference for Procurements.** As appropriate, and to the extent consistent with law, the CONSULTANT should, to the greatest extent practicable, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States. This includes, but is not limited to iron, aluminum, steel, cement, and other manufactured products. For purposes of this clause: *Produced in the United States* means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States. *Manufactured products* mean items and construction materials composed in whole or in part of non-ferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.

24.18 **Affirmative Socioeconomic Steps.** If subcontracts are to be let, CONSULTANT is required to take all necessary steps identified in 2 C.F.R. § 200.321(b)(1)-(5) to ensure that small and minority businesses, women's business enterprises, and labor surplus area firms are used when possible.



24.19 **License and Delivery of Works Subject to Copyright and Data Rights.** If applicable, the CONSULTANT grants to CITY, a paid-up, royalty-free, nonexclusive, irrevocable, worldwide license in data first produced in the performance of this contract to reproduce, publish, or otherwise use, including prepare derivative works, distribute copies to the public, and perform publicly and display publicly such data. For data required by the contract but not first produced in the performance of this contract, CONSULTANT will identify such data and grant to the CITY or acquires on its behalf a license of the same scope as for data first produced in the performance of this contract. Data, as used herein, shall include any work subject to copyright under 17 U.S.C. § 102, for example, any written reports or literary works, software and/or source code, music, choreography, pictures or images, graphics, sculptures, videos, motion pictures or other audiovisual works, sound and/or video recordings, and architectural works. Upon or before the completion of this contract, CONSULTANT will deliver to the CONSULTANT data first produced in the performance of this contract and data required by the contract but not first produced in the performance of this contract in formats acceptable by CONSULTANT.

## **ARTICLE 25** **MISCELLANEOUS**

25.1 **Ownership of Documents.** All reports, drawings, specifications, data, calculations, field notes, estimates, and other documents and deliverables (collectively, "Work Product") prepared or obtained by the CONSULTANT in connection with this Agreement shall become the property of the CITY upon payment for the services rendered, whether or not the project for which they were prepared is completed. The CITY may use, reproduce, or make derivative works from such Work Product for any governmental purpose without additional compensation to the CONSULTANT. Reuse of such Work Product by the CITY on other projects without written verification or adaptation by the CONSULTANT shall be at the CITY's sole risk and without liability to the CONSULTANT.

25.2 **Legal Representation.** It is acknowledged that each party to this Agreement had the opportunity to be represented by counsel in the preparation of this Agreement, and accordingly, the rule that a contract shall be interpreted strictly against the party preparing same shall not apply herein due to the joint contributions of both Parties.

25.3 **Records.** CONSULTANT shall keep such records and accounts and require any and all subcontractors to keep records and accounts as may be necessary in order to record complete and correct entries as to personnel hours charged to this engagement, and any expenses for which CONSULTANT expects to be reimbursed. Such books and records will be available at all reasonable times for examination and audit by CITY and shall be kept for a period of ten (10) years after the completion of all work to be performed pursuant to this Agreement. Incomplete or incorrect entries in such books and records will be grounds for disallowance by CITY of any fees or expenses based upon such entries. All records shall be maintained and available for disclosure, as appropriate, in accordance with Chapter 119, Florida Statutes.

25.4 **Assignments; Amendments.** This Agreement, and any interests herein, shall not be assigned, transferred or otherwise encumbered, under any circumstances, by CONSULTANT without the prior written consent of CITY. For purposes of this Agreement, any change of ownership of



## City of Pembroke Pines

CONSULTANT shall constitute an assignment which requires CITY approval. However, this Agreement shall run to the benefit of CITY and its successors and assigns.

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.

**25.5 No Contingent Fees.** 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 the breach or violation of this provision, CITY shall have the right to terminate the Agreement without liability at its discretion, to deduct from the contract price, or otherwise recover the full amount of such fee, commission, percentage, gift or consideration.

**25.6 Notice.** Whenever any party desires to give notice unto any other party, 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 and the remaining party, at the places last specified, and the places for giving of notice shall remain such until they shall have been changed by written notice in compliance with the provisions of this section. For the present, CONSULTANT and CITY designate the following as the respective places for giving of notice:

CITY	Charles F. Dodge, City Manager City of Pembroke Pines 601 City Center Way, 4 <sup>th</sup> Floor Pembroke Pines, Florida 33025 Telephone No. (954) 450-1040
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Copy To:	Samuel S. Goren, City Attorney Goren, Cherof, Doody & Ezrol, P.A. 3099 East Commercial Boulevard, Suite 200 Fort Lauderdale, Florida 33308 Telephone No. (954) 771-4500 Facsimile No. (954) 771-4923
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CONSULTANT	<b>Patrick J. Gibney, P.E., Vice President, Engineering Craven, Thompson &amp; Associates, Inc. 3563 NW 53 Street Fort Lauderdale, FL 33309 E-mail: <a href="mailto:pgibney@craventhompson.com">pgibney@craventhompson.com</a> Telephone No: (954) 739-6400 Facsimile No: (954) 739-6409</b>
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**25.7 Binding Authority.** Each person signing this Agreement on behalf of either party individually warrants that he or she has full legal power to execute this Agreement on behalf of the





party for whom he or she is signing, and to bind and obligate such party with respect to all provisions contained in this Agreement.

25.8 **Headings.** Headings herein are for convenience of reference only and shall not be considered on any interpretation of this Agreement.

25.9 **Exhibits.** Each exhibit referred to in this Agreement forms 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.

25.10 **Severability.** If any provision of this Agreement or application thereof to any person or situation shall to any extent, be held invalid or unenforceable, the remainder of this Agreement, and the application of such provisions to persons or situations other than those as to which it shall have been held invalid or unenforceable shall not be affected thereby, and shall continue in full force and effect, and be enforced to the fullest extent permitted by law.

25.11 **Extent of Agreement and Conflicts.** This Agreement represents the entire and integrated agreement between CITY and CONSULTANT and supersedes all prior negotiations, representations or agreements, either written or oral. In the event of a conflict between this Agreement, **Exhibit "A"**, and **Exhibit "B"**, this Agreement shall govern.

25.12 **Waiver.** Failure of CITY to insist upon strict performance of any provision or condition of this Agreement, or to execute any right therein contained, shall not be construed as a waiver or relinquishment for the future of any such provision, condition, or right, but the same shall remain in full force and effect.

25.13 **Attorneys' Fees.** In the event that either party brings suit for enforcement of this Agreement, each party shall bear its own attorney's fees and court costs, except as otherwise provided under the indemnification provisions set forth herein above.

25.14 **Protection of CITY Property.** At all times during the performance of this Agreement, CONSULTANT shall protect CITY's property from all damage whatsoever on account of the work being carried on under this Agreement.

25.15 **Counterparts and Execution.** This Agreement may be executed by hand or electronically in multiple originals or counterparts, each of which shall be deemed to be an original and together shall constitute one and the same agreement. Execution and delivery of this Agreement by the Parties shall be legally binding, valid and effective upon delivery of the executed documents to the other party through facsimile transmission, email, or other electronic delivery.

25.16 **No Waiver of Sovereign Immunity.** Nothing contained herein is intended nor shall be construed to waive the CITY's rights and immunities under the common law of Section 768.28, Florida Statutes, as may be amended from time to time.

25.17 **No Third-Party Beneficiaries.** The services to be performed by the CONSULTANT are intended solely for the benefit of the CITY. No person or entity not a signatory to this Agreement



shall be entitled to rely on the CONSULTANT 's performance of its services hereunder, and no right to assert a claim against the CONSULTANT by assignment of indemnity rights or otherwise shall accrue to a third party as a result of this Agreement or the performance of the CONSULTANT 's services hereunder.

**25.18 Human Trafficking.** Pursuant to Section 787.06(14), Fla. Stat., nongovernmental agencies contracting with CITY are required to provide an affidavit attesting that the nongovernmental agency does not use coercion for labor or services as defined within Section 787.06, Fla. Stat. By executing this Agreement and submitting the executed required affidavit, the CONSULTANT represents and warrants that it does not use coercion for labor or services as provided by state law.

**25.19 Antitrust Violations.** Pursuant to Section 287.137, Florida Statutes, as may be amended, a person or an affiliate who has been placed on the antitrust violator vendor list (electronically published and updated quarterly by the State of Florida) following a conviction or being held civilly liable for an antitrust violation may not submit a bid, proposal, or reply for any new contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply for a new contract with a public entity for the construction or repair of a public building or public work; may not submit a bid, proposal, or reply on new leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a new contract with a public entity; and may not transact new business with a public entity. By entering into this Agreement, CONSULTANT certifies neither it nor its affiliate(s) are on the antitrust violator vendor list at the time of entering this Agreement. False certification under this paragraph or being subsequently added to that list will result in termination of the Original Agreement, as amended, at the option of the CITY consistent with Section 287.137, Florida Statutes, as amended.

**25.20 Public Entity Crimes.** Pursuant to Section 287.133(2)(a), Fla. Stat., a person or affiliate, as defined in Section 287.1 33(1), Fla. Stat., who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid, proposal or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals or replies on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor or consultant under a contract with any public entity; and may not transact business with any public entity in excess of thirty-five thousand dollars (\$35,000.00) for a period of thirty-six (36) months following the date of being placed on the convicted vendor list. By executing this Agreement, the CONSULTANT represents and warrants that neither it nor any of its affiliates is currently on the convicted vendor list.

**25.21 PURSUANT TO SECTION 558.0035, FLORIDA STATUTES, AN INDIVIDUAL EMPLOYEE OR AGENT OF THE CONSULTANT MAY NOT BE HELD INDIVIDUALLY LIABLE FOR ECONOMIC DAMAGES RESULTING FROM NEGLIGENCE UNDER THIS AGREEMENT IF THE CONDITIONS OF SECTION**



## 558.0035, FLORIDA STATUTES, AS AMENDED FROM TIME TO TIME, ARE SATISFIED.

25.22 **Compliance with Statutes.** If applicable, it is the CONSULTANT's responsibility to be aware of and comply with all statutes, ordinances, rules, orders, regulations and requirements of all local, City, state, and federal agencies as applicable; **specifically the Jessica Lunsford Act – Chapter 1012, Florida Statutes, which provides for the screening of individuals who are vendors or contractors with a Florida public school or district.**

25.23 **Additional Background Screening Requirements.** In addition, to any other background screening requirements that may be required in this Agreement and/or by statutes, ordinances, rules, orders, regulations and requirements of all local, City, state, and federal agencies, the CONSULTANT shall ensure that all employees that are providing services to the CITY, shall complete and pass a **Level II background check.**

25.24 **Compliance with Foreign Entity Laws.** CONSULTANT ("Entity") hereby attests under penalty of perjury the following:

- 25.24.1 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);
- 25.24.2 The government of a foreign country of concern does not have a controlling interest in Entity. (Source: § 287.138(2)(b), Florida Statutes);
- 25.24.3 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);
- 25.24.4 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);
- 25.24.5 Entity is not a foreign principal, as defined in Section 692.201, Florida Statutes. (Source: § 692.202(5)(a)(1), Florida Statutes); and,
- 25.24.6 Entity is in compliance with all applicable requirements of Sections 692.202, 692.203, and 692.204, Florida Statutes.

### SIGNATURE PAGE AND AFFIDAVIT OF COMPLIANCE WITH HUMAN TRAFFICKING LAWS FOLLOW



*City of Pembroke Pines*

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

**CITY:**

CITY OF PEMBROKE PINES, FLORIDA

APPROVED AS TO FORM:

\_\_\_\_\_

Print Name: \_\_\_\_\_  
OFFICE OF THE CITY ATTORNEY

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

MAYOR ANGELO CASTILLO

ATTEST:

\_\_\_\_\_

GABRIEL FERNANDEZ, CITY CLERK

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

CHARLES F. DODGE, CITY MANAGER

**CONSULTANT:**

**CRAVEN, THOMPSON & ASSOCIATES, INC.**

Signed By: DocuSigned by: Patrick J. Gibney, P.E.  
F68AAA3AB84B4E6...

Printed Name: Patrick J. Gibney, P.E.

Title: Vice President, Engineering

January 14, 2026

**AFFIDAVIT OF COMPLIANCE WITH HUMAN TRAFFICKING LAWS**

In accordance with section 787.06 (14), Florida Statutes, the undersigned, on behalf of the entity listed below ("Entity"), hereby attests under penalty of perjury that:

1. The Affiant is an officer or representative of the Entity entering into an agreement with the City of Pembroke Pines.
2. The Entity does not use coercion for labor or services as defined in Section 787.06, Florida Statutes, entitled "Human Trafficking".
3. The Affiant is authorized to execute this Affidavit on behalf of the Entity.
4. I understand that I am swearing or affirming under oath to the truthfulness of the claims made in this affidavit and that the punishment for knowingly making a false statement includes fines and/or imprisonment.
5. Pursuant to Sec. 92.525(2), Fla. Stat., under penalties of perjury, I declare that I have read the foregoing affidavit of compliance with Human Trafficking Laws and that the facts stated in it are true.

FURTHER AFFIANT SAYETH NAUGHT.

DATE: January 14, 2026

ENTITY: **CRAVEN, THOMPSON & ASSOCIATES, INC.**

SIGNED BY: Patrick J. Gibney, P.E.  
F68AAA3AB84B4E6...

NAME: Patrick J. Gibney, P.E.

TITLE: Vice President, Engineering

**Question Set 1: Tab 1 - Experience and Capabilities****Question Set 1 Instructions**

The relative experience and qualification of each applicant's proposed team, with respect to the project scope, will be judged and a relative rating assigned. This parameter expresses the general and specific project-related capability of the team and indicates the adequate depth and abilities of the organization which it can draw upon as needed. This will include management, technical, and support staff.

#	Question	Response	Comment
1.0.1	Explain your firm's interest in working on this project, a positive commitment to perform the required work and a description of the firm.	-	Craven Thompson & Associates, Inc. looks forward to the opportunity to provide surveying, G.I.S., civil engineering, landscape architecture, land planning and CEI services to the City of Pembroke Pines. We will provide the staff and resources necessary to perform the tasks requested on-time and within the City's budget. We are a small to medium local company specializing in surveying, civil engineering, landscape architecture, and CEI services.
1.0.2	Describe the size of your firm.	-	Craven Thompson has seventy-one employees consisting of three professional landscape architects, two landscape designers, two planners; twenty-five civil engineers, twenty-two surveyors & GIS specialists (includes field crews), two construction managers, six construction inspectors; and administrative support personnel.
1.0.3	Describe your firm's financial history, strength and stability.	-	Craven Thompson & Associates, Inc. is a corporation that has been serving clients in Broward County continuously since 1962. The company has seventy-one employees and services numerous governmental and private industry clients in the South Florida area. The Dun and Bradstreet # for Craven Thompson and Associates, Inc. is 06-362-4910 and the company currently carries a favorable D & B rating. Further to this, the company has a strong balance sheet. Craven Thompson has not been involved in any bankruptcy proceedings. Craven Thompson's current banking relationship is with Seacoast Bank. Our account number with Seacoast is 0040005449. Please feel free to contact our Seacoast Bank Relationship Manager, Ms. Diane Abers, who can answer your questions regarding balances or credit worthiness. You may contact her by phone at (561) 762-2593 or by email at Diane.Abers@seacoastbank.com. Their mailing address is 12 Southeast 7th Street, Suite 100, Fort Lauderdale, Florida 33301.
1.0.4	Describe your firm's range of activities.	-	Craven Thompson was founded in 1962 and has a large group of professional engineers, graduate engineers, surveyors, surveying technicians, G.I.S. specialists, landscape architects and land planners. We design, permit and provide CEI services for roadway, stormwater-drainage, water, sanitary sewer, and site development projects as well as provide a wide variety of land surveying & GIS services and hardscape, streetscape, complete streets, median beautification, park, and urban design services.
1.0.5	Describe the specialized experience and technical competence of the firm or persons with respect to working on similar projects	-	Craven Thompson has been providing civil engineering, surveying and CEI services for the past sixty-two (62) years, landscape architectural & land planning services for the past forty-five (45) years, and G.I.S. services for the past eighteen (18) years. Craven Thompson is very experienced in surveying/GIS, landscape/hardscape, roadway, stormwater/drainage, facilities site design, water, sanitary sewer, and reuse water design, permitting, and CEI services.
1.0.6	Do you have a minimum of five (5) years of experience with projects in the HVHZ of South Florida per the Florida Building Code?	Yes	Craven Thompson was incorporated in January of 1962 in the State of Florida as a surveying and engineering firm as Davis & Craven, Inc., eventually becoming Craven Thompson & Associates, Inc. in 1976.
1.0.7	The firm or person's must provide information on their proximity to and familiarity with the area in which the project is located.	-	Craven Thompson has offices in Fort Lauderdale and in Delray Beach. The Fort Lauderdale office is within a twenty-minute drive to the City of Pembroke Pines. We have worked on projects within the City throughout the firm's existence.
1.0.8	Explain the availability and access to the firm's top level management personnel.	-	The proposed project/contract manager for this RFQ will be Patrick J. Gibney, P.E., Vice President, Engineering. Although Mr. Gibney is a principal of the firm, he takes an active daily role in the design, permitting and construction services on projects. Mr. Patrick Gibney, P.E., the contract/project manager will be in regular contact with the City project manager through various means. We believe that having regular project meetings during the design and permitting process between City staff and the Craven Thompson team would be mutually beneficial. Face-to-face meetings tend to be more productive than conference calls. Our Fort Lauderdale office is roughly fourteen miles from the City's offices. Within two hours from notification, Craven Thompson personnel (Mr. Gibney or a team member) can be available for pre-scheduled meetings. The Craven Thompson Team members are readily accessible for meetings, by phone, or via email during regular hours, 7:00 a.m. to 6:00 p.m. (and outside of regular hours should it become necessary). Ween meetings, we will also be in contact through phone and email. Craven Thompson will supply the City with a contact list of team members at the beginning of the project. We will respond to the City's calls or emails within four hours of receiving them at the latest and sooner if possible. We will be available for emergency (non-scheduled) meetings within very short notice. On Friday of each week, Mr. Gibney will prepare a project status report which will be transmitted to City staff. The report will detail tasks completed (and percentages complete of tasks remaining), compliance with the design/permitting schedule, issues with potential impact to project schedule and/or budget, and any comments from agencies having jurisdiction.
1.0.9	List any applicable qualifications, including education, experience, honors and awards received, and professional associations of which the firm and/or its personnel are members, which are not already listed on Standard Form 330.	-	Not Applicable



1.0.10	Identify which of the nine Professional Service Discipline(s) you are applying for: a. General Civil and Environmental Engineering Services, b. MEP Engineering Services, c. Geotechnical Services, d. Structural Engineering Services, e. Land Surveying Services, f. General Architectural Services, g. Landscape Architecture Services, h. Hydro-Geological Services, i. FDOT Roadway Engineering Services	-	We are applying for the following categories: General Civil and Environmental Engineering Services, Land Surveying Services, and Landscape Architecture Services.  Included in our SF 330 are roadway, stormwater/drainage, water, sanitary sewer, and site development projects as well as a wide variety of land surveying & GIS services and landscape architecture, hardscape, streetscape, complete streets, median beautification, park, and urban design projects.
1.0.11	Provide evidence of knowledge and experience with Broward County and industry standards, specifications, design procedures and plans production pertaining to the following Professional Service Discipline(s) you are applying for.	-	Craven Thompson has garnered extensive experience in processing plans and permits through the various departments/agencies having jurisdictional authority in municipalities within Broward County. We have routinely sought approvals through: Broward County Highway Engineering and Construction Division (BCHCED); Broward County Traffic Engineering Division (BCTED); South Florida Water Management District (SFWMD) - Water Use; Broward County Environment Protection and Growth Management Department (BCEPGMD) - Wastewater Division, and Surface Water Division (SWM also has SFWMD delegated authority); Army Corps of Engineers (ACOE); Florida Department of Environmental Protection (FDEP) - Water; and Florida Department of Transportation (FDOT).
1.0.12	What is your reputation compared to your peers in the market?	-	We are a smaller firm in number of employees when compared against the majority of our competitors; however, we are awarded a large number of both simple and complex infrastructure projects by local governmental entities. We are seen as an "old-line" basic survey, civil, landscape, landscape architecture firm in the area with a significant amount of successful infrastructure design experience.
1.0.13	What is your reputation like among customers and how have you developed it?	-	As previously noted, the majority of our work is from repeat clients. We currently have in excess of twenty-five (25) continuing services contracts with various governmental entities. We have a solid reputation amongst our clients based on our past performance and our ability to meet our client's expectations.
1.0.14	How does your service differ from similar competitors'? How do you win and retain business?	-	Many of the personnel in our firm have been employed by Craven Thompson for twenty years or more. We are known for stability and the ability to retain our highly experienced personnel. We meet our client's goals and exceed their expectations.
1.0.15	A brief statement must be included which explains why your proposal would be the most effective and beneficial to the City of Pembroke Pines.	-	At Craven Thompson & Associates we have many qualities and attributes that set us apart from other consulting firms. These qualities are valuable assets to our clients such as the City of Pembroke Pines. A firm comprised of sixty-eight professional, technical, and administrative personnel. Craven Thompson is a firm large enough to successfully complete complex designs yet small enough to efficiently and economically perform small single task projects routinely required by municipalities. While many firms venture into a large diversity of markets and varied clientele, we focus almost exclusively on the local government market (municipalities) in the South Florida Tri-County area. That allows us to provide our individual clients with focused and well-tested knowledge and expertise.
15 Questions			100.00% Complete

Question Set 2: Tab 2 - References Form

Question Set 2 Instructions

Provide specific examples of similar contracts delivered by the proposed team members. Provide details on related projects (preferably where the team was the same). References should be from the last five years and should be capable of explaining and confirming your firm's capacity to successfully complete the scope of work outlined herein. As part of the proposal evaluation process, the City may conduct an investigation of references, including a record check or consumer affairs complaints. Proposers' submission of a proposal constitutes acknowledgment of the process and consent to investigate. The City is the sole judge in determining Proposers qualifications. In this section you will have the ability to enter information for 5 different references including the Reference Contact Information and the specific Project Information. The projects listed in this section shall be the firm's best examples of previous projects that are similar in size and scope. These projects and additional projects may also be listed on Standard Form 330.

In addition, do not provide references for City of Pembroke Pines projects.

Details should include the following:

#		Question	Response	Comment
Previous Experience				
2.1.1		How many clients have you provided Services for?	-	We have provided these various services of services to well over one hundred (100) governmental entities.
2.1.2		What similar or related projects have you worked on within the past three years?	-	We have been working on a large number of surveying, site-civil, engineering water, sanitary sewer, drainage/stormwater management, roadway design, complete streets, transportation surtax projects, neighborhood improvements, median beautification, hardscape, landscape, park design, design guidelines and master plans over the past three years.
2.1.3		What challenges did you face and how did you overcome them?	-	Challenges include limited rights-of-way, existing improvements (existing utilities conflicting with proposed improvements) etc. We combined various designs elements in a manor that developed hybrid designs that met the intent or goals of the project while utilizing the limited spaced and reduced the replacing or re-routing of existing utilities, thereby reducing effects on the budget.
2.1.4		How many of your clients are repeat clients?	-	Approximately 80% to 90% of our clients are repeat clients.
2.1.5		How much of your revenue is derived from managing projects similar to ours?	-	We are small and therefore, most of our revenue comes from surveying, document production & processing, permit acquisition and construction administration and inspection. Project management accounts for roughly 15% to 20% of our revenue.
Reference #1: Reference Contact Information				
2.2.1		Name of Firm, City, County or Agency	-	City of Hallandale Beach
2.2.2		Address	-	630 NW 2nd Street, Hallandale Beach, Florida 33009
2.2.3		Contact Name	-	Mr. Manga Ebbe
2.2.4		Contact Title	-	Contruction Program Manager
2.2.5		Contact E-mail Address	-	<a href="mailto:mebbe@cohb.org">mebbe@cohb.org</a>
2.2.6		Contact Telephone #	-	(954) 457-3043
Reference #1: Project Information				
2.3.1		Name of Contractor Performing the work	-	Florida Engineering and Development Corporation
2.3.2		Name and location of the project	-	NE 14th Avenue Streetscape Project / Location: NE 14th Avenue, Hallandale Beach, Florida
2.3.3		Nature of the firm's responsibility on the project	-	Prime Consultant responsible for: Surveying, Design, Permitting, and provided CEI Services
2.3.4		Project duration	-	2 years
2.3.5		Completion (Anticipated) Date	-	May 2018
2.3.6		Size of project	-	3,400 Linear Feet
2.3.7		Cost of project	-	\$1,157,203.00
2.3.8		Work for which staff was responsible	-	Surveying, Civil Engineering, Landscape Architecture and CEI Services
Reference #2: Reference Contact Information				
2.4.1		Name of Firm, City, County or Agency	-	City Miramar
2.4.2		Address	-	2200 Civic Center Place, Miramar, Florida 33025
2.4.3		Contact Name	-	Mr. Salvador Zuniga, P.E.
2.4.4		Contact Title	-	City Engineer

2.4.5	Contact E-mail Address	-	<a href="mailto:sezuniga@miramarfl.gov">sezuniga@miramarfl.gov</a>
2.4.6	Contact Telephone #	-	(954) 602-3323
<b>Reference #2: Project Information</b>			
2.5.1	Name of Contractor Performing the work	-	Weekley Asphalt, Inc.
2.5.2	Name and location of the project	-	Historical Area Complete Streets Project, Phase II / Location: Six streets (SW 19th, 21st, 27th, 30th, 32nd, 35th, 38th, and 40th Streets), Miramar, Florida
2.5.3	Nature of the firm's responsibility on the project	-	Prime Consultant responsible for: Surveying, Design, Permitting, and provided CEI Services
2.5.4	Project duration	-	1-1/2 Years
2.5.5	Completion (Anticipated) Date	-	November 2018
2.5.6	Size of project	-	Eight blocks
2.5.7	Cost of project	-	\$1,900,505.00
2.5.8	Work for which staff was responsible	-	Surveying, Civil Engineering, Landscape Architecture and CEI Services
<b>Reference #3: Reference Contact Information</b>			
2.6.1	Name of Firm, City, County or Agency	-	Nova Southeastern University, Davie, Florida
2.6.2	Address	-	3301 College Avenue, Fort Lauderdale, Florida 33314
2.6.3	Contact Name	-	Mr. Randall Seneff
2.6.4	Contact Title	-	Executive Director, Design & Construction
2.6.5	Contact E-mail Address	-	<a href="mailto:rseneff@nova.edu">rseneff@nova.edu</a>
2.6.6	Contact Telephone #	-	(954) 262-8805
<b>Reference #3: Project Information</b>			
2.7.1	Name of Contractor Performing the work	-	JD Backhoe, Inc.
2.7.2	Name and location of the project	-	SW 36th Street Improvements / Location: SW 36th Street, Davie, Florida
2.7.3	Nature of the firm's responsibility on the project	-	Prime Consultant responsible for: Surveying, Design, Permitting, and provided CEI Services
2.7.4	Project duration	-	3-1/2 Years
2.7.5	Completion (Anticipated) Date	-	June 2019
2.7.6	Size of project	-	3,400 Linear Feet
2.7.7	Cost of project	-	\$4,925,675.00
2.7.8	Work for which staff was responsible	-	Surveying, Civil Engineering, Landscape Architecture and CEI Services
<b>Reference #4: Reference Contact Information</b>			
2.8.1	Name of Firm, City, County or Agency	-	City of North Lauderdale
2.8.2	Address	-	701 SW 71st Avenue, North Lauderdale, Florida 33068
2.8.3	Contact Name	-	Mr. Samuel May
2.8.4	Contact Title	-	Public Works Utilities Director
2.8.5	Contact E-mail Address	-	<a href="mailto:smay@nlauderdale.org">smay@nlauderdale.org</a>
2.8.6	Contact Telephone #	-	(954) 597-4756
<b>Reference #4: Project Information</b>			
2.9.1	Name of Contractor Performing the work	-	Florida Engineering & Development Corporation

2.9.2	Name and location of the project	-	Kimberly Boulevard Complete Streets Project / Location: Kimberly Boulevard (Rock Island to SR 7), North Lauderdale, Florida
2.9.3	Nature of the firm's responsibility on the project	-	Prime Consultant responsible for: Surveying, Design, Permitting, and provided CEI Services
2.9.4	Project duration	-	2 Years
2.9.5	Completion (Anticipated) Date	-	December 2022
2.9.6	Size of project	-	5,900 Linear Feet
2.9.7	Cost of project	-	\$2,092,254.00
2.9.8	Work for which staff was responsible	-	Surveying, Civil Engineering, Landscape Architecture and CEI Services
Reference #5: Reference Contact Information			
2.10.1	Name of Firm, City, County or Agency	-	City of Miami Gardens
2.10.2	Address	-	1050 NW 163rd Drive, Miami Gardens, Florida 33169
2.10.3	Contact Name	-	Mr. Tom Ruiz, CGC, CFM
2.10.4	Contact Title	-	Public Works Director
2.10.5	Contact E-mail Address	-	<a href="mailto:truiz@miamigardens-fl.gov">truiz@miamigardens-fl.gov</a>
2.10.6	Contact Telephone #	-	(786) 279-1260
Reference #5: Project Information			
2.11.1	Name of Contractor Performing the work	-	RG Underground Engineering, Inc.
2.11.2	Name and location of the project	-	Livable Neighborhood Improvements, Vista Verde, Phases 1D, 2, &3 / Location: City of Miami Gardens bordered by NW 213th Street to the north, NW 207th Lane to the south, NW 37th Avenue (Douglas Road) to the east, and a vacant lot of land to the west.
2.11.3	Nature of the firm's responsibility on the project	-	Prime Consultant responsible for: Surveying, Design, Permitting, and Provided CEI Services
2.11.4	Project duration	-	1-3/4 Years
2.11.5	Completion (Anticipated) Date	-	November 2020
2.11.6	Size of project	-	50 Acres
2.11.7	Cost of project	-	\$3,913,201.00
2.11.8	Work for which staff was responsible	-	Surveying, Civil engineering, and CEI Services
75 Questions			100.00% Complete

Question Set 3: Tab 3 - Firm’s Understanding and Approach to the Work

Question Set 3 Instructions

The understanding that the applicant and consultants demonstrate as to the requirements and needs of the project, including an evaluation of the thoroughness demonstrated in analyzing and investigating the scope of the project.

#		Question	Response	Comment
3.0.1		Provide a narrative statement demonstrating an understanding of the overall intent of this solicitation, as well as the methods used to complete assigned tasks.	-	It is the intent of the City of Pembroke Pines to hire a single firm in each of the nine disciplines listed in the RFQ. This does not preclude any one firm from getting multiple or all disciplines. These disciplines include: General Civil and Environmental Engineering Services, MEP Engineering Services, Geotechnical Services, Structural Engineering Services, Land surveying Services, General Architectural Services, Landscape Architectural Services, Hydrogeological Services, and FDOT Roadway Engineering Services. The tasks within the discipline will be assigned through individual Work Authorizations with specific scopes based on a master contract between the City and the selected consultant.
3.0.2		Please address your familiarity and understanding of the needs of the current compliance with City Standards, Codes and Engineering Standards.	-	We understand that any projects designed for and within the City of Pembroke Pines must be designed in compliance with the City’s Engineering Design Standards Manual, the City of Pembroke Pines Land Development Code, and the City Code of Ordinances.
3.0.3		Please address your familiarity with Engineering Permitting and Preparing Studies and Miscellaneous Designs in regards to similar projects.	-	We have recently completed many projects involving civil-site design, roadway, water, sanitary, drainage/stormwater, surveying, GIS and landscape architecture within Broward County  We have extensive permitting experience with: FDOT, BCHCED, BCTED, FDEP, Broward County, SBDD, SFWMD, CBWCD, and the ACOE.
3.0.4		Please clearly describe all aspects of the project proposed. Include details of your approach and work plans.	-	The following is based on a general approach for typical transportation related or general civil engineering project as there is not a specifically defined project.  INFORMATION GATHERING: AS-BUILTS, INFORMATION, REPORTS, STUDIES PERMIT, AND OTHER EXISTING DATA REVIEW  Craven Thompson will gather as much available information that can be obtained through due diligence. During this phase we utilize available existing reliable resources and data where possible to reduce data collection costs. This will include GIS, studies, and past survey information. We will search for existing studies, reports, technical information, and design documents for the existing water mains, sanitary sewers, lift stations, drainage, gas, telephone and electric. Also, Craven Thompson will seek public and private utility atlases and as-builts for service areas within the specific project limits.  SURVEYING PROJECT LIMITS  We would perform the survey using mobile LiDAR and/or traditional surveying methods. The mobile LiDAR collects millions of data points and allows us to more accurately define the existing aboveground improvements in and adjacent to the Right-of-Way. Using conventional means, we can set horizontal and vertical control as well as collect topographic and invert information for roads, water valves and hydrants, sanitary manholes, and storm structures. Integrating this information with collected as-built information, a base map will be produced depicting all available aboveground and below ground information. This base map’s accuracy is vital in assuring the proposed design has accounted for existing conditions. We will employ FDOT index 600 for Maintenance of Traffic. As this is a request for continuing services without a specific project scope, we do not see any specific issues at this time. As work authorizations are developed for specific project scopes some issues may arise.
3.0.5		Identify any issues or concerns of significance that may be appropriate.	-	
3.0.6		How do you ensure the quality of your services? What criteria do you use to measure your quality?	-	We have a quality process that occurs at the 30% Plans Complete, 60% Plans Complete, 90% Plans Complete, and 100% Plans Complete stages of plan development. The criteria is based on accuracy, and plan quality (is it clear, is it as simplified and direct as possible, does it concisely detail the intended work?).
3.0.7		How often do you find mistakes or errors in your work and what is done to correct these errors, and what is the average correction time?	-	Throughout the design process we find and correct errors in the plans. This is why we have internal quality control reviews at the 30% Plans Complete, 60% Plans Complete, 90% Plans Complete, and 100% Plans Complete stages of plan development. Our process has been detailed in 3.0.10 of this response. The internal review and correction process generally takes one to two weeks, and is done concurrently with the city’s plans review process. Craven Thompson will be responsible for scheduling and managing the input of each sub-consultant and clearly communicating the City’s goals and the design requirements of the project.
3.0.8		Describe the firm’s techniques to quality control. At a minimum describe the firm’s technique to control design and contract documentation, including record keeping.	-	- Craven Thompson will check all documents before they leave the office. - Craven Thompson’s Project Manager, Patrick J. Gibney, P.E. will be the point of contact for the Public Services Department - Craven Thompson will coordinate all work including reports, surveys, and maps of all sub-consultants - Craven Thompson has assigned Lead Engineer, Douglas Taylor, P.E., to act as the Quality Assurance Reviewer of all documents for these projects. - The chain of command under this contract will include: *The City of Pembroke Pines Public Services Department *Craven Thompson in the role as prime consultant *The sub-consultants include: Langan (environmental wetland, phase 1, etc.); Quantum Electrical Engineering (lighting, LS electrical); Manuel G. Vera & Associates, Inc (Mobile Lidar); InfraMap Corp. (SUE); Tierra South Florida, Inc. (Geotechnical); Bowman (traffic, signal design)  Craven Thompson will provide for city review at the 30% design complete conceptual stage, the 60% design complete stage, the 90% design complete stages, and the bid document stage (100%). We will also perform our internal QC at these milestones.  Craven Thompson will clarify the performance expectations for the sub-consultant’s level of performance, stressing that their performance shall meet the same level of performance expected from the prime consultant. Craven
8 Questions			100.00% Complete	

Question Set 4: Tab 4 - Willingness to Meet Time and Budget Requirements

Question Set 4 Instructions

This solicitation is for the award of a continuing contract. The specific projects requiring professional services under the agreement have not yet been identified. However, in general, please explain your firm's approach in meeting "project specific" time and budget requirements and indicate whether CONSULTANT is committed to meet these requirements when identified in this agreement.

The continuing contract shall be used for professional services for projects in which the estimated construction cost of each individual project under the contract does not exceed \$4 million, or for study activities in which the fee for professional services for each individual study under the contract does not exceed \$500,000, or as further allowed, or amended from time to time, in Florida Statute 287.055.

Individual projects may be identified in the future, including potential projects resulting from a future Master Plans that the City is in the process of developing. The following list includes some possible project(s) that the City may utilize the continuing contract for. The estimated timelines and cost estimates for the professional services listed below are rough ball-park figures, however the Public Services Department will work with the awarded Consultant to better define the scope, design, timeline and cost estimates after the award of the contract(s).

Please note that during this portion of the process, the City is NOT asking for the firms to submit pricing. After the evaluation committee has selected the firms in order of preference, the City shall negotiate a contract with the most qualified firm for professional services and work authorizations at compensation which the agency determines is fair, competitive, and reasonable. Should the agency be unable to negotiate a satisfactory contract with the firm considered to be the most qualified at a price the agency determines to be fair, competitive, and reasonable, negotiations with that firm must be formally terminated. The agency shall then undertake negotiations with the next most qualified firm.

#		Question	Response	Comment
Budget				
4.1.1		In general, please explain your firm's approach in meeting "project specific" budget requirements and indicate whether Consultant is committed to meet these requirements when identified in this agreement.	-	We will meet budget requirements through our approach, meeting milestones, and evaluating cost at each stage of project development. This will include: 30%, 60%, 90%, and 100%. We keep a library of recent bids which we use to define unit pricing. With the inflation and supply chain issues we may have to evaluate the cost of construction more frequently. Should the client wish to alter the scope of the construction, we can immediately provide an opinion of cost to evaluate the impact on the budget. We are committed to meeting the City of Pembroke Pines budgets on all projects assigned to us.
4.1.2		Please advise if your firm is willing to meet the stated budget requirements.	Yes	We will design within the city's budget requirements. We are also very aware of the current impacts of inflation and supply chain disruptions on the pricing of materials and labor. We will update our cost estimates frequently throughout the duration of the project to keep the City advised as to the projected cost of the project, so that necessary adjustments can be made to stay within budget.
4.1.3		What percentage of your completed projects have had cost overruns?	-	Roughly 10% of our projects have construction cost overruns. This can occur due to a variety of reasons. We consider a client adding additional improvements to be an overrun although the original elements of the design were within the original budget. In addition, a job may have only been funded for design and permitting, and funding for construction was not available until 3 or 4 years later which resulted in higher construction costs.
4.1.4		Tell me about a time when you went over budget. How did you handle the situation?	-	On the Kimberly Boulevard East Complete Streets Project, the original design required that the improvements cost \$2,000,000.00 or less. The roadway cross section has a landscaped median in the center of the roadway. After design process began, the city wanted to stop residents from driving over the grass median at the center of the roadway. The drainage is away from the median toward the outer lanes and parkway area. The city wanted to stop traffic from crossing the green median by adding curb on both sides of the median for the entire 5,900 linear feet of the project. This brought costs much higher than the budget. We eliminated the curb and the city was going to use landscaping to provide the barrier and stop traffic from crossing the median. Since this time, surtax funding was granted, so with paving costs paid by the surtax fund, the city is adding the curbing through their own funding mechanism. Costs to the city is still much less than the original budget (through surtax funding).
4.1.5		What cost-saving measures do you implement at your firm?	-	We keep a library of up-to-date bid unit costs to help us determine project cost at each phase of development. This allows us to avoid specifying methods or materials that are of a higher cost. With this information we can alter design during the various phases to stay within budget. We also monitor inflation and supply chain issues to use the most economic designs.
4.1.6		Who will be in charge of maintaining the budget on projects?	-	Primarily the contract manager, Patrick Gibney, P.E.; however, each person involved in the project will be responsible to some degree in keeping the project within budget and delivered on time.
4.1.7		How many accounts is this person assigned to at a given time?	-	There will be one contract manager, Patrick Gibney, P.E. There will be a lead civil engineer assigned to the specific project. There can be multiple project engineers, surveyors and/or landscape architects assigned at any time during the project duration.
Timeline				
4.2.1		In general, please explain your firm's approach in meeting "project specific" time requirements and indicate whether Consultant is committed to meet these requirements when identified in this agreement.	-	We are committed to meeting our client's time requirements. We have done this on past projects, and are in the process of meeting specific milestones on our current projects. Craven Thompson commits to meeting the City of Pembroke Pines time requirements for projects under this contract. See Question Set 3 – Question No. 3.0.4, and 3.0.5 for our approach to meeting time requirements.
4.2.2		Please advise if your firm is willing to meet the stated time requirements.	Yes	Craven Thompson commits to meeting the City of Pembroke Pines time requirements for projects under this contract. We will provide the personnel and resources necessary to meet these requirements.
4.2.3		What is the average turnaround time for a project that is similar to mine?	-	Since this is a continuing services contract without a specific scope, the duration of a similar project is difficult to determine. Our typical roadway/complete streets projects have taken from 6 to 10 months for survey, design, permitting and bidding assistance.
4.2.4		What is your average on-time completion rate?	-	We have a very good "on-time" completion rate. Roughly 95% of our projects are completed on schedule.
4.2.5		How many projects do your teams typically take on at a given time?	-	Our teams typically have approximately three projects at one time (and maybe two if projects are large). This includes projects that could be in planning, in design, or in construction. Therefore, the effort and specific personnel required for each of the three at any given time varies.



4.2.6	Tell me about a time when the project timeline was delayed. How did you handle the situation?	-	<p>On our SW 36th Street Improvements project we had a year delay due to construction scope changes by our clients, Nova Southeastern University (NSU), and the Town of Davie. The original project was a revised roadway layout and extension over to College Avenue. During the design process, NSU decided to include a major set of drainage improvements with the project that included canals, culverts, and detention areas. These drainage improvements were intended to mitigate impacts of future improvements planned for the campus by NSU. We quickly performed the additional survey, developed the plans and permitted the drainage improvements along with the roadway improvements. The drainage improvements increased the project costs by over \$2 million; however, they had been budgeted for separately by the university as a separate project. The result of the project was a very positive outcome with the improvement accepted by NSU, the Town of Davie, and the CBWCD.</p>
4.2.7	Describe the firm's design and construction management methods and techniques. Include details on firm's ability to make decisions and facilitate resolution of disputes.	-	<p>Craven Thompson will be providing the construction management services under the direction of Craven Thompson project manager, Patrick J. Gibney, P.E. The ultimate authority for the project will be the City of Pembroke Pines project manager. Reporting immediately to Mr. Gibney will be Craven Thompson's construction manager, Brian Tull. Both Mr. Gibney and Mr. Tull have served in the same capacities for many of our past and current roadway CEI services projects. Mr. Tull will coordinate day-to-day CEI duties, and manage contract compliance. Mr. Gibney will be in regular contact with the city project manager through various means. We believe that having frequent project update meetings with the city during the construction phase between city staff and the Craven Thompson team would be mutually beneficial. Most meetings can occur in person, however can be performed through virtual meetings such as Zoom Meeting if the city wishes.</p> <p>Between meetings, we will also be in contact through phone and email. Craven Thompson will supply the City with a contact list of team members at the beginning of the project. We will respond to the City's calls or emails within four hours of receiving them at the latest and sooner if possible. We will be available for emergency (non-scheduled) meetings within very short notice.</p> <p>Craven Thompson understands that changes due to unforeseen conditions occur on infrastructure rehabilitation projects in developed areas. Based on our vast prior experience on these types of projects, we provide for these occurrences in the measurement and payment section of the specifications and as bid allowances. If contractor proposes a deviation from the specifications that will benefit the City, either economically or expediting the schedule. Craven Thompson will review the deviation to ensure that it meets permit requirements. We have scheduled hundreds of projects involving general civil and environmental engineering, landscape architecture, and surveying. Therefore, we are very familiar with required surveying, design, permitting and construction times required for these types of projects. We use Microsoft projects scheduling software.</p>
4.2.8	Describe the firm's knowledge and experience with scheduling.	-	
15 Questions			100.00% Complete

Question Set 5: Tab 5 - Recent, Current, and Projected Workloads of the Firms

Question Set 5 Instructions

Please provide any information regarding your firm's recent, current, and projected workloads for the Evaluation Committee to review.

#	Question	Response	Comment
5.0.1	Recent Workload: Describe your recent workload.	-	The Craven Thompson business plan target composite utilization rate for the company is 75%. The targeted rate accounts for holiday, vacation, marketing, administration, illness, and other non-billable time. We employ a very small yet efficient number of administration personnel which contributes significantly to reducing our costs. In 2023, Craven Thompson was at a company-wide utilization rate of 71%. Uncertainty since the onset of the pandemic and other economic issues has led to a smaller number of projects being issued by our municipal clients, while some existing projects being placed on hold.
5.0.2	Current Workload: Describe your current workload.	-	At this point in early 2024 our staff is under-utilized and has excess capacity to handle additional civil and environmental engineering, landscape architectural and surveying/GIS work.
5.0.3	Projected Workload: Describe your projected workload.	-	We see recovery from this situation as a gradual process and anticipate that for the next year or so we will slowly, but steadily increase our workload and perhaps approach a 72% - 73% utilization rate at the end of that period. This will still leave excess staff availability.  We commit to provide the necessary landscape architectural and surveying/G.I.S. personnel and other resources required to complete the City's projects on time and within budget.
3 Questions		100.00% Complete	

Question Set 6: Contact Information Form

#	Question	Response	Comment
Company Information			
6.1.1	Company Name	-	Craven, Thompson & Associates, Inc.
6.1.2	Company Address	-	3563 NW 53rd Street, Fort Lauderdale, Florida 33309
6.1.3	Is the location/address in which the work will be conducted/completed, different than the address listed above? If yes, please list the primary address in which the work will generally be completed in.	No	3563 NW 53rd Street, Fort Lauderdale, Florida 33309
Primary Contact for the Project			
6.2.1	Contact Name	-	Patrick J. Gibney, P.E.
6.2.2	Contact Title	-	Vice President, Engineering
6.2.3	Contact E-mail Address	-	<a href="mailto:pgibney@craventhompson.com">pgibney@craventhompson.com</a>
6.2.4	Contact Telephone Number	-	(954) 739-6400
Authorized Approver			
6.3.1	Contact Name	-	Patrick J. Gibney, P.E.
6.3.2	Contact Title	-	Vice President, Engineering
6.3.3	Contact E-mail Address	-	<a href="mailto:pgibney@craventhompson.com">pgibney@craventhompson.com</a>
6.3.4	Contact Telephone Number	-	(954) 739-6400
Professionally Licensed Engineer for the Project / Single Point of Contact			
6.4.1	Contact Name for the single point of contact, that is a professionally licensed Engineer, for this project, when/if awarded.	-	Patrick J. Gibney, P.E.
6.4.2	Contact Title	-	Vice President, Engineering
6.4.3	Contact E-mail Address	-	<a href="mailto:pgibney@craventhompson.com">pgibney@craventhompson.com</a>
6.4.4	Contact Telephone Number	-	(954) 739-6400
15 Questions		100.00% Complete	

# Question Set 7: Proposer's Background Information

## Question Set 7 Instructions

The PROPOSER acknowledges and understands that the information contained in response to this Qualification Statement shall be relied upon by CITY in awarding the contract and such information is warranted by PROPOSER to be true. The discovery of any omission or misstatement that materially affects the PROPOSER's qualifications to perform under the contract may cause the CITY to reject the Bid, and if after the award, to cancel and terminate the award and/or contract.

#	Question	Response	Comment
Former Business			
7.1.1	Under what former name has your business operated? Include a description of the business.	-	Davis & Craven, Inc. (January 1, 1962 to March 17, 1975); Davis, Craven, Thompson, Inc. (March 17, 1975 to January 22, 1976)
7.1.2	At what address was that business located?	-	5901 NW 31st Avenue, Fort Lauderdale, Florida 33309 (January 1, 1962 to June 14, 1990); 3563 NW 53rd Street, Fort Lauderdale, Florida 33309 (June 15, 1990 to Present)
Past Failure			
7.2.1	Have you ever failed to complete work awarded to you. If so, when, where and why?	No	
Inspected			
7.3.1	Have you personally inspected the proposed WORK and do you have a complete plan for its performance?	Yes	We have reviewed your RFQ and your current budget and capital improvement plan and are familiar with your needs and requirements.
Subcontracting			
7.4.1	Will you subcontract any part of this WORK? If you will be subcontracting any part of this work, provide details including a list of each sub-contractor(s) that will perform work in excess of ten percent (10%) of the contract amount and the work that will be performed by each subcontractor(s). (Note: The proposed list of subcontractor(s) may not be amended after award of the contract without the prior written approval of the Contract Administrator, whose approval shall not be reasonably withheld.)	Yes	Yes, we are including subconsultants on our team. We do not anticipate any consultant being over 10% the work with the possible exception of Bowman (signal design) and/or Langan (Environmental Evaluations, Assessments)
Bankruptcy Petitions			
7.5.1	List and describe all bankruptcy petitions (voluntary or involuntary) which have been filed by or against the Proposer, its parent or subsidiaries or predecessor organizations during the past five (5) years. Include in the description the disposition of each such petition.	-	None.
Bond Claims			
7.6.1	List and describe all successful Bond claims made to your surety(ies) during the last five (5) years. The list and descriptions should include claims against the bond of the Proposer and its predecessor organization(s).	-	None.
Claims, Arbitrations, Administrative Hearings and Lawsuits			
7.7.1	List all claims, arbitrations, administrative hearings and lawsuits brought by or against the Proposer or its predecessor organizations(s) during the last (10) years. The list shall include all case names; case, arbitration or hearing identification numbers; the name of the project over which the dispute arose; and a description of the subject matter of the dispute.	-	Case No. 1: Project Name: The Edge Condominium, West Palm Beach, Florida Case No.: Palm Beach County Case No. 502013CA007785XXXXMBAJ Date: Case filed June 4, 2013 / Dismissed February 2015 Case No.: Palm Beach County Case No. 502016CA006688XXXXMB Date: Case re-opened March 2017– Case Settled September 2017 Monetary Amount Involved: \$15,000.00 Position: Defendant Name of Case: The Edge No. One Condominium Association, Inc. vs. The Edge Investors, L.P.; Coastal Construction of South Florida, Inc.; Trans Coastal Construction Company; Steven Feller, P.E., P.L.; Cohen, Freedman, Encinosa & Associates-Architects, P.A.; CHM Consulting Engineers, Inc.; Craven Thompson & Associates, Inc. Explanation: Plaintiff claimed unspecified problems with the building. It was unclear what civil engineering issues were relevant. The contractor, architect and the entire design team were defendants. Case No. 2: Project Name: North County Neighborhood Improvement project, NE Quadrant, Broward County, Florida Case No.: Broward County Case No. 14-002381 (21) Date: Case filed June 9, 2015 / Settled December 9, 2016 Monetary Amount Involved: \$30,000.00 Position: Defendant Name of Case: - Randy Ezekowitz vs. Giannetti Contracting Corporation, E&N Construction, Inc., Asphalt Milling Services, Inc., Bon's Barricades, Inc., Florida Department of Transportation, Craven Thompson & Associates, Inc. and Transfield Services Infrastructure, Inc. Explanation: Plaintiff claimed that CTA failed to warn motorists of the difference in elevation of pavement. Plaintiff did not specify a specific claim related to Civil
Criminal Proceedings or Hearings			
7.8.1	List and describe all criminal proceedings or hearings concerning business related offenses in which the Proposer, its principals or officers or predecessor organization(s) were defendants.	-	None.
Company Classification			
7.9.1	In regards to the commodities/services proposed, which of the following best classifies your firm? If you selected any options besides "Original Provider" please explain.	Original Provider	
Debarment/Suspension			

7.10.1	Have you ever been debarred or suspended from doing business with any governmental agency? If you have been debarred or suspended from doing business with any governmental agency, please explain.	No	
Similar Experience & Contracts			
7.11.1	Describe the firm's local experience/nature of service with contracts of similar size and complexity, in the previous three (3) years.	-	Please refer to Standard Form 330.
12 Questions		100.00% Complete	

Question Set 8: Vendor Registration Checklist

Question Set 8 Instructions

The City has included various documents in the Vendor Registration portal on the Bonfire website. This process is intended to make the bidding process easier for vendors that bid on multiple City projects. This process will allow vendors to complete and submit the following standard forms and documents at any time prior to bidding on a project. In addition, the vendors will be able to utilize these same forms without the need to re-fill and re-submit the forms each time they bid on a City project. In the event that the City does not have one of the forms or documents listed below for your company, the City may reach out to your company after the bid has closed to obtain the document(s).

Furthermore, please make sure to update this information on an as-needed basis so that all pertinent information is accurate, such as local business tax receipts, and any other relevant information.

This section will summarize your responses to those relevant documents.

#	Question	Response	Comment
Vendor Information Form			
8.1.1	Did you submit a completed Vendor Information Form in the Vendor Registration Portal?	Yes	
Form W-9 (Rev. October 2018 or later)			
8.2.1	Did you submit a W-9 Form (Revised October 2018 or later) in the Vendor Registration Portal?	Yes	
Company Profile			
8.3.1	Did you submit your Company Profile Form in the Vendor Registration Portal?	Yes	
Sworn Statement on Public Entity Crimes Form			
8.4.1	Which option did you select on the Sworn Statement on Public Entity Crimes Form?	A) Not Charged / Convicted	
Local Business Tax Receipts			
8.5.1	Did you submit your Local Business Tax Receipts in the Vendor Registration Portal?	Yes	
Veteran Owned Small Business Preference Certification			
8.6.1	Which option did you select on the Veteran Owned Small Business Preference Certification? Note - If certifying that your business is a Veteran Owned Small Business, you must also attach a "Determination Letter" from the U.S. Dept. of Veteran Affairs Center	Not a Veteran Owned Small Business	
Equal Benefits Certification Form			
8.7.1	Which option did you select on the Equal Benefits Certification Form?	A) Complies	
Vendor Drug-Free Workplace Certification Form			
8.8.1	Which option did you select on the Vendor Drug-Free Workplace Certification Form?	Complies Fully	
Scrutinized Company Certification			
8.9.1	Did you submit a completed Scrutinized Company Certification in the Vendor Registration Portal?	Yes	
E-Verify System Certification Statement			
8.10.1	Did you submit a completed E-Verify System Certification Statement in the Vendor Registration Portal?	Yes	
Federal Projects			
8.11.1	Did you submit a completed "Certification Regarding Lobbying; Debarment, Suspension and Other Responsibility Matters for Expenditure of Federal Funds" in the Vendor Registration Portal?  Lobbying: As required by 7 CFR Part 3018, for persons entering into a contract, grant or cooperative agreement over \$100,000 involving the expenditure of Federal funds, the Contractor must complete the Certification Regarding Lobbying.  Debarment, Suspension and Other Responsibility Matters: Where the Contractor is unable to certify to any of the statements in the certification for Debarment, Suspension and Other Responsibility Matters, he or she shall provide an explanation.	Completed Lobbying & Debarment Certifications	
8.11.2	Did you submit a completed "Standard Form - LLL, "Disclosure Form to Report Lobbying" in the Vendor Registration Portal?  Note - If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress or an employee of a Member of Congress, in connection with this Federal contract, grant, loan, or cooperative agreement, the Contractor shall also complete and submit the Standard Form - LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.	No	



8.11.3	Are you a Minority Owned Business Enterprise, Woman-Owned Business Enterprise or HUBZone-Certified Small Businesses / Labor Surplus Area Firms? If so, did you select the appropriate MBE Classification(s) and submit your MBE Certificate(s) in the Vendor Registration Portal?	No	
13 Questions		100.00% Complete	



City of Pembroke Pines

**NON-COLLUSIVE AFFIDAVIT**

BIDDER is the

Officer of Craven, Thompson & Associates, Inc.,

(Owner, Partner, Officer, Representative or Agent)

BIDDER is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;

Such Bid is genuine and is not a collusive or sham Bid;

Neither the said BIDDER nor any of its officers, partners, owners, agents, representative, employees or parties in interest, including this affidavit, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other BIDDER, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted; or to refrain from bidding in connection with such Contract; or have in any manner, directly or indirectly, sought by agreement or collusion, or communications, or conference with any BIDDER, firm, or person to fix the price or prices in the attached Bid or any other BIDDER, or to fix any overhead, profit, or cost element of the Bid Price or the Bid Price of any other BIDDER, or to secure through any collusion conspiracy, connivance, or unlawful agreement any advantage against (Recipient), or any person interested in the proposed Contract;

The price of items quoted in the attached Bid are fair and proper and are not tainted by collusion, conspiracy, connivance, or unlawful agreement on the part of the BIDDER or any other of its agents, representatives, owners, employees or parties in interest, including this affidavit.

Printed Name/Signature Patrick J. Gibney, P.E.

A handwritten signature in blue ink, appearing to read "Patrick J. Gibney", written over a horizontal line.

Title Vice President, Engineering

Name of Company Craven, Thompson & Associates, Inc.



City of Pembroke Pines

(OFFICE USE ONLY) Vendor # \_\_\_\_\_

**VENDOR INFORMATION FORM**

The City of Pembroke Pines is currently implementing an enhanced Citywide Enterprise Resource Planning (ERP) system with the goal of updating our processes and improving customer service. Part of the new Tyler Technologies Munis ERP system will include a vendor management module. In addition, this new system will include a Vendor Self Service (VSS) web portal which will allow vendors to update their necessary information and documents on an as-needed basis. The City intends for this system to allow for vendors to view their Purchase Orders, Invoices, Checks and other beneficial information in real-time. Using VSS, vendors will also be able to enter and maintain their contact and remittance information, discount and payment terms, designated contact persons, and the commodity codes that represent the goods and services the vendor can provide.

While we work towards go-live with the new VSS web portal, we are requesting for vendors to complete the attached Vendor Registration Packet and submit it to [accountspayable@ppines.com](mailto:accountspayable@ppines.com) to help facilitate the implementation process.

MAIN CONTACT INFORMATION			
<b>Company Name (Legal Name as filed with IRS)</b>	Craven, Thompson & Associates, Inc.		
<b>Doing Business As (DBA)</b>	Same		
<b>Primary Business Address</b>	3563 NW 53rd Street		
	<b>City:</b>	Fort Lauderdale	
	<b>State:</b>	Florida	<b>Zip:</b> 33309
	<b>Country:</b>	United States	
<b>Remit To Address</b>	3563 NW 53rd Street		
	<b>City:</b>	Fort Lauderdale	
	<b>State:</b>	Florida	<b>Zip:</b> 33309
	<b>Country:</b>	United States	
<b>Order From Address</b>	3563 NW 53rd Street		
	<b>City:</b>	Fort Lauderdale	
	<b>State:</b>	Florida	<b>Zip:</b> 33309
	<b>Country:</b>	United States	
<b>Foreign Entity (Yes/No)</b>	No		
<b>Telephone Number</b>	(954) 739-6400		
<b>Primary Company E-mail</b>	pgibney@craventhompson.com		
<b>Fax</b>	(954) 739-6400		
<b>Website</b>	www.craventhompson.com		
<b>DUNS</b>	06-362-4910		
<b>Independent Contractor (Yes/No)</b>	No		
<b>Identification Number</b>	<b>SSN:</b>	N/A	<b>FID:</b> 59-0948029

GENERAL PAYMENT TERMS		
<b>Discount Percent</b> Defines the discount percentage the vendor extends to your organization.	<b>Days to Discount</b> Number of days which payment must be received to claim the discount percent.	<b>Days to Net</b> Number of days that the vendor allows before requiring net payment.
None	None	30 Days



City of Pembroke Pines

(OFFICE USE ONLY) Vendor # \_\_\_\_\_

<b>CONTACT # 1</b>	
<b>Contact Name (First &amp; Last Name)</b>	Patrick J. Gibney, P.E.
<b>Description/Title/Position</b>	Vice President, Engineering
<b>Phone (Voice)</b>	(954) 739-6400, Extension 309
<b>Phone (Text)</b>	(954) 651-5944 <b>Opt In (Y/N):</b> N
<b>Fax</b>	(954) 739-6409
<b>E-mail</b>	pgibney@craventhompson.com

<b>CONTACT # 2</b>	
<b>Contact Name (First &amp; Last Name)</b>	Richard D. Pryce, PSM
<b>Description/Title/Position</b>	Vice President, Surveying & GIS
<b>Phone (Voice)</b>	(954) 739-6400, Extension 327
<b>Phone (Text)</b>	(954) 651-5942 <b>Opt In (Y/N):</b> N
<b>Fax</b>	(954) 739-6409
<b>E-mail</b>	rpryce@craventhompson.com

<b>CONTACT # 3</b>	
<b>Contact Name (First &amp; Last Name)</b>	Scott W. Pealver, PLA
<b>Description/Title/Position</b>	Vice President, Planning & Landscape Architecture
<b>Phone (Voice)</b>	(954) 739-6400, Extension 375
<b>Phone (Text)</b>	(954) 850-3494 <b>Opt In (Y/N):</b> N
<b>Fax</b>	(954) 739-6409
<b>E-mail</b>	speavler@craventhompson.com

<b>MINORITY BUSINESS ENTERPRISE</b>			
<b>MBE Classifications</b>	<b>Yes</b>	<b>Certifying Agency</b>	<b>Expiration</b>
<b>African American</b>			
<b>Asian American</b>			
<b>Disadvantage Business</b>			
<b>Hispanic American</b>			
<b>HubZone / Labor Surplus Area</b>			
<b>Minority Owned Business</b>			
<b>Native American</b>			
<b>Small Business Enterprise</b>			
<b>Veteran Owned Small Business</b>			
<b>Woman Owned Business</b>			

*If you selected "Yes" to any of the above items, please attach proof of certification.*

<b>GEOGRAPHIC PREFERENCE</b>	
<b>Local Broward County Vendor</b>	Yes
<b>Local Pembroke Pines Vendor</b>	No
<b>Not a Local Broward County of Pembroke Pines Vendor</b>	N/A

*Please read and complete the attached "Local Vendor Preference Certification" Form and select the applicable option above.*

<b>STATE REGISTRATION</b>	
<b>Is your company registered with the State of Florida? (Y/N)</b>	254407
<b>If not, what state is your company registered in?</b>	N/A

*Please attach the print out from <https://dos.myflorida.com/sunbiz/> or the appropriate state showing your active registration and any applicable fictitious names that are registered.*



**Form W-9**  
(Rev. October 2018)  
Department of the Treasury  
Internal Revenue Service

## Request for Taxpayer Identification Number and Certification

► Go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9) for instructions and the latest information.

Give Form to the  
requester. Do not  
send to the IRS.

**1** Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.  
Craven, Thompson & Associates, Inc.

**2** Business name/disregarded entity name, if different from above

**3** Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only **one** of the following seven boxes.

☐ Individual/sole proprietor or single-member LLC

☐ C Corporation

☒ S Corporation

☐ Partnership

☐ Trust/estate

☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ►

**Note:** Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is **not** disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

☐ Other (see instructions) ►

**4** Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any) \_\_\_\_\_

Exemption from FATCA reporting code (if any) \_\_\_\_\_

(Applies to accounts maintained outside the U.S.)

**5** Address (number, street, and apt. or suite no.) See instructions.  
3563 NW 53rd Street

**6** City, state, and ZIP code  
Fort Lauderdale, Florida 33309

**7** List account number(s) here (optional)

**Requester's name and address (optional)**  
City of Pembroke Pine  
8300 South Palm Drive  
Pembroke Pines, Florida 33025

### Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

**Note:** If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

**Social security number**

			-			-				
--	--	--	---	--	--	---	--	--	--	--

**or**

**Employer identification number**

5	9	-	0	9	4	8	0	2	9
---	---	---	---	---	---	---	---	---	---

### Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

**Sign Here** **Signature of U.S. person**  **Date** 

### General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9).

### Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.



*City of Pembroke Pines*

**(OFFICE USE ONLY) Vendor #**

## COMPANY PROFILE FORM

Please provide the following information so that the City could better get to know your company's background.

MAIN CONTACT INFORMATION				
Company Name (Legal Name as filed with IRS)		Craven, Thompson & Associates, Inc.		
Doing Business As (DBA)		Same		
Primary Business Address		3563 NW 53rd Street		
		City:	Fort Lauderdale	
		State:	Florida	Zip:
		Country:	United States	

Organization Background	
Please state the year that you company started its business	1962
Please state the year that your company started providing service under your current business name	1976
What State is your Company Registered In?	State of Florida

Please attach any applicable organization registration documents.

Professional License Information		
License Type	License Number	Expiration
Engineering	State of Florida No. 271	2/28/2025
Surveying	State of Florida No. LB271	2/28/2025
Landscape Architecture	State of Florida No. LCC000114	11/30/2025

*Please list and attach any applicable professional licenses required to perform the services your company offers.*

<b><u>Please Provide a Summary of your Company and What Services you provide</u></b>
Craven, Thompson & Associates provides Civil Engineering, Surveying and GIS, Landscape Architecture, and Construction Administrative services.

*Please select the appropriate Commodity Codes that your company provides, this will help City Departments find vendors that can provide services in which the City is looking to Procure.*





City of Pembroke Pines

**SWORN STATEMENT  
ON PUBLIC ENTITY CRIMES  
UNDER FLORIDA STATUTES CHAPTER 287.133(3)(a).**

1. This sworn statement is submitted Craven, Thompson & Associates, Inc.  
(name of entity submitting sworn statement) whose business address is  
3563 NW 53rd Street, Fort Lauderdale, Florida 33309  
and (if applicable) its Federal Employer Identification Number (FEIN) is  
59-0948029. (If the entity has no FEIN, include the Social Security  
Number of the individual signing this sworn statement: \_\_\_\_\_.)
2. My name is Patrick J. Gibney, P.E. and my  
(Please print name of individual signing)  
relationship to the entity named above is Vice President, Engineering.
3. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any bid, proposal, reply, or contract for goods or services, any lease for real property, or any contract for the construction or repair of a public building or public work, involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
4. I understand that a "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
5. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:
  1. A predecessor or successor of a person convicted of a public entity crime: or
  2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The Cityship by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a





## City of Pembroke Pines

joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

6. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or any entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts let by a public entity, or which otherwise transacts or applies to transact business with a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

7. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. **(Please indicate which statement applies.)**

☒ A) Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

☐ B) The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND **(Please indicate which additional statement applies.)**

☐ B1) There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. **(Please attach a copy of the final order.)**

☐ B2) The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. **(Please attach a copy of the final order.)**

☐ B3) The person or affiliate has not been placed on the convicted vendor list. **(Please describe any action taken by or pending with the Department of General Services.)**

  
Bidder's Name/Signature

Craven, Thompson & Associates, Inc.

Company

February 20, 2024

Date





City of Pembroke Pines

### **EQUAL BENEFITS CERTIFICATION FORM FOR DOMESTIC PARTNERS AND ALL MARRIED COUPLES**

Except where federal or state law mandates to the contrary, a Contractor awarded a Contract pursuant to a competitive solicitation shall provide benefits to Domestic Partners and spouses of its employees, irrespective of gender, on the same basis as it provides benefits to employees' spouses in traditional marriages.

The Contractor shall provide the City and/or the City Manager or his/her designee, access to its records for the purpose of audits and/or investigations to ascertain compliance with the provisions of this section, and upon request shall provide evidence that the Contractor is in compliance with the provisions of this section upon each new bid, contract renewal, or when the City Manager has received a complaint or has reason to believe the Contractor may not be in compliance with the provisions of this section. Records shall include but not be limited to providing the City and/or the City Manager or his/her designee with certified copies of the Contractor's records pertaining to its benefits policies and its employment policies and practices.

The Contractor must conspicuously make available to all employees and applicants for employment the following statement:

**"During the performance of a contract with the City of Pembroke Pines, Florida, the Contractor will provide Equal Benefits to its employees with spouses, as defined by Section 35.39 of the City's Code of Ordinances, and its employees with Domestic Partners and all Married Couples".**

The posted statement must also include a City contact telephone number and email address which will be provided to each contractor when a covered contract is executed.

#### **SECTION 1 DEFINITIONS**

- 1. Benefits** means the following plan, program or policy provided or offered by a contractor to its employees as part of the employer's total compensation package which may include but is not limited to sick leave, bereavement leave, family medical leave, and health benefits.
- 2. Cash Equivalent** mean the amount of money paid to an employee with a domestic partner or spouse in lieu of providing benefits to the employee's domestic partner or spouse. The cash equivalent is equal to the employer's direct expense of providing benefits to an employee for his or her spouse from a traditional marriage.
- 3. Covered Contract** means a contract between the City and a contractor awarded subsequent to the date when this section becomes effective valued at over \$25,000 or the threshold amount required for competitive bids as required in section 35.18(A) of the Procurement Code.
- 4. Domestic Partner** shall mean any two (2) adults of the same or different sex who have registered as domestic partners with a governmental body pursuant to state or local law authorizing such registration, or with an internal registry maintained by the employer of at





## City of Pembroke Pines

least one of the domestic partners. A contractor may institute an internal registry to allow for the provision of equal benefits to employees with domestic partners who do not register their partnerships pursuant to a governmental body authorizing such registration, or who are located in a jurisdiction where no such governmental domestic partnership registry exists. A contractor that institutes such registry shall not impose criteria for registration that are more stringent than those required for domestic partnership registration by the City of Pembroke Pines.

5. **Equal benefits** means the equality of benefits between employees with spouses and/or dependents of spouses and employees with domestic partners and/or dependents of domestic partners, and/or between spouses of employees and/or dependents of spouses and domestic partners of employees and/or dependents of domestic partners.
6. **Spouse** means one member of a married pair legally married under the laws of any state within the United States of America or any other jurisdiction under which such marriage is legally recognized, irrespective of gender.
7. **Traditional marriage** means a marriage between one man and one woman.

### SECTION 2 CERTIFICATION OF CONTRACTOR

The firm providing a response, by virtue of the signature below, certifies that it is aware of the requirements of Section 35.39 "City Contractors providing Equal Benefits for Domestic Partners and all Married Couples" of the City's Code of Ordinances, and certifies the following (**Check only one box below**):

- ☒ A. Contractor currently complies with the requirements of this section; or
- ☐ B. Contractor will comply with the conditions of this section at the time of contract award; or
- ☐ C. Contractor will not comply with the conditions of this section at the time of contract award; or
- ☐ D. Contractor does not comply with the conditions of this section because of the following allowable exemption (**Check only one box below**):
- ☐ 1. The Contractor does not provide benefits to employees' spouses in traditional marriages;
- ☐ 2. The Contractor provides an employee the cash equivalent of benefits because the Contractor is unable to provide benefits to employees' Domestic Partners or spouses despite making reasonable efforts to provide them. To meet this exception, the Contractor shall provide a notarized affidavit that it has made reasonable efforts to provide such benefits. The affidavit shall state the efforts taken to provide such benefits and the amount of the cash equivalent. Cash equivalent means the amount of money paid to an employee with a Domestic Partner or spouse rather than providing benefits to the employee's Domestic Partner or spouse. The cash equivalent is equal to the employer's direct expense of providing benefits to an employee's spouse;



*City of Pembroke Pines*

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☐ 3. The Contractor is a religious organization, association, society, or any non-profit charitable or educational institution or organization operated supervised or controlled by or in conjunction with a religious organization, association, or society;

☐ 4. The Contractor is a governmental agency;

**The certification shall be signed by an authorized officer of the Contractor. Failure to provide such certification (by checking the appropriate boxes above along with completing the information below) shall result in a Contractor being deemed non-responsive.**

COMPANY NAME: Craven, Thompson & Associates, Inc.

AUTHORIZED OFFICER NAME / SIGNATURE: Patrick J. Gibey, P.E.

A handwritten signature in blue ink, appearing to read "Patrick J. Gibey", written over a horizontal line.





City of Pembroke Pines

## VENDOR DRUG-FREE WORKPLACE CERTIFICATION FORM

### SECTION 1 GENERAL TERM

Preference may be given to vendors submitting a certification with their bid/proposal certifying they have a drug-free workplace in accordance with Section 287.087, Florida Statutes. This requirement affects all public entities of the State and becomes effective January 1, 1991. The special condition is as follows:

**IDENTICAL TIE BIDS** - Preference may be given to businesses with drug-free workplace programs. Whenever two or more bids that are equal with respect to price, quality, and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drugfree workplace program shall be given preference in the award process. Established procedures for processing tie bids will be followed if none of the tied vendors have a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

1. Publish 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 prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining 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.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the 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 or any state, for a violation occurring in the workplace no later than five (5) days after each conviction.
5. 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.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

### SECTION 2 AFFIRMATION

☒ Place a check mark here only if affirming bidder **complies fully** with the above requirements for a Drug-Free Workplace.

☐ Place a check mark here only if affirming bidder **does not** meet the requirements for a Drug-Free Workplace.

**Failure to complete this certification at this time (by checking either of the boxes above) shall render the vendor ineligible for Drug-Free Workplace Preference. This form must be completed by/for the proposer; the proposer WILL NOT qualify for Drug-Free Workplace Preference based on their sub-contractors' qualifications.**

\_\_\_\_\_  
Authorized Signature

Patrick J. Gibney, P.E.  
\_\_\_\_\_  
Authorized Signer Name

Craven, Thompson & Associates, Inc.  
\_\_\_\_\_  
Company Name





Vice President, Engineering  
Title





City of Pembroke Pines

## **E-VERIFY SYSTEM CERTIFICATION STATEMENT (UNDER SECTION 448.095, FLORIDA STATUTES)**

1. Definitions:

- a. **"Contractor"** means a person or entity that has entered or is attempting to enter into a contract with a public employer to provide labor, supplies, or services to such employer in exchange for salary, wages, or other remuneration. "Contractor" includes, but is not limited to, a vendor or consultant.
- b. **"Subcontractor"** means a person or entity that provides labor, supplies, or services to or for a contractor or another subcontractor in exchange for salary, wages, or other remuneration.
- c. **"E-Verify system"** means an Internet-based system operated by the United States Department of Homeland Security that allows participating employers to electronically verify the employment eligibility of newly hired employees.

2. Effective January 1, 2021, Contractors, shall register with and use the E-verify system in order to verify the work authorization status of all newly hired employees. Contractor shall register for and utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of:

- a. All persons employed by a Contractor to perform employment duties within Florida during the term of the contract; and
- b. All persons (including subvendors/subconsultants/subcontractors) assigned by Contractor to perform work pursuant to the contract with the City of Pembroke Pines. The Contractor acknowledges and agrees that registration and 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 with the City of Pembroke Pines; and
- c. Should vendor become the successful Contractor awarded for the above-named project, by entering into the contract, the Contractor shall comply with the provisions of Section 448.095, Fla. Stat., "Employment Eligibility," as amended from time to time. This includes, but is not limited to registration and utilization of the E-Verify System to verify the work authorization status of all newly hired employees. Contractor shall also require all subcontractors to provide an affidavit attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. The Contractor shall maintain a copy of such affidavit for the duration of the contract.

3. Contract Termination

- a. If the City has a good faith belief that a person or entity with which it is contracting has knowingly violated s. 448.09 (1) Fla. Stat., the contract shall be terminated.
- b. If the City has a good faith belief that a subcontractor knowingly violated s. 448.095 (2), but the Contractor otherwise complied with s. 448.095 (2) Fla. Stat., shall promptly notify the Contractor and order the Contractor to immediately terminate the contract with the subcontractor.
- c. A contract terminated under subparagraph a) or b) is not a breach of contract and may not be considered as such.
- d. Any challenge to termination under this provision must be filed in the Circuit Court no later than 20 calendar days after the date of termination.
- e. If the contract is terminated for a violation of the statute by the Contractor, the Contractor may not be awarded a public contract for a period of 1 year after the date of termination.

COMPANY NAME: Craven, Thompson & Associates, Inc.

PRINTED NAME / AUTHORIZED SIGNATURE: Patrick J. Gibney, P.E.

A handwritten signature in blue ink, appearing to read "Patrick J. Gibney", written over a horizontal line.





City of Pembroke Pines

## VETERAN OWNED SMALL BUSINESS (VOSB) PREFERENCE CERTIFICATION

### SECTION 1 GENERAL TERM

#### VETERAN OWNED SMALL BUSINESS (VOSB) PREFERENCE

The evaluation of competitive bids is subject to section 35.37 of the City's Procurement Procedures which, except where contrary to federal and state law, or any other funding source requirements, provides that preference be given to veteran owned small businesses. To satisfy this requirement, the vendor shall affirm in writing its compliance with the following objective criteria as of the bid or proposal submission date stated in the solicitation. A veteran owned small business shall be defined as:

1. "Veteran Owned Small Business" shall mean a business entity which has received a "Determination Letter" from the United States Department of Veteran Affairs Center for Verification and Evaluation notifying the business that they have been approved as a Veteran Owned Small Business (VOSB).

A preference of two and a half percent (2.5%) of the total evaluation point, or two and a half percent (2.5%) of the total price, shall be given to the **Veteran Owned Small Business (VOSB)**. This shall mean that if a **VOSB** submits a bid/quote that is within 2.5% of the lowest price submitted by any vendor, the **VOSB** shall have an option to submit another bid which is at least 1% lower than the lowest responsive bid/quote. If the **VOSB** submits a bid which is at least 1% lower than that lowest responsive bid/quote, then the award will go to the **VOSB**. If not, the award will be made to the vendor that submits the lowest responsive bid/quote. If the lowest responsive and responsible bidder is a "**Local Pembroke Pines Vendor**" (**LPPV**) or a "**Local Broward County Vendor**" (**LBCV**) as established in Section 35.36 of the City's Code of Ordinances, entitled "Local Vendor Preference", then the award will be made to that vendor and no other bidders will be given an opportunity to submit additional bids as described herein.

If there is a **LPPV**, a **LBCV**, and a **VOSB** participating in the same bid solicitation and all three vendors qualify to submit a second bid, the **LPPV** will be given first option. If the **LPPV** cannot beat the lowest bid received by at least 1%, an opportunity will be given to the **LBCV**. If the **LBCV** cannot beat the lowest bid by at least 1%, an opportunity will be given to the **VOSB**. If the **VOSB** cannot beat the lowest bid by at least 1%, then the bid will be awarded to the lowest bidder.

If multiple **VOSBs** submit bids/quotes which are within 2.5% of the lowest bid/quote and there are no **LPPV** or **LBCV** as described in Section 35.36 of the City's Code of Ordinance, entitled "Local Vendor Preference", then all **VOSBs** will be asked to submit a **Best and Final Offer (BAFO)**. The award will be made to the **VOSB** submitting the lowest **BAFO** providing that that **BAFO** is at least 1% lower than the lowest bid/quote received in the original solicitation. If no **VOSB** can beat the lowest bid/quote by at least 1%, then the award will be made to the lowest responsive bidder.

#### COMPARISON OF QUALIFICATIONS

The preferences established in no way prohibit the right of the City to compare quality of supplies or services for purchase and to compare qualifications, character, responsibility and fitness of all persons, firms or corporations submitting bids or proposals. Further, the preference established in no way prohibit the right of the city from giving any other preference permitted by law instead of the preferences granted, nor prohibit the city to select the bid or proposal which is the most responsible and in the best interests of the city.

### SECTION 2 AFFIRMATION

#### VETERAN OWNED SMALL BUSINESS (VOSB) PREFERENCE CERTIFICATION:

☐ Place a check mark here only if affirming bidder meets requirements above as a Veteran Owned Small Business. In addition, the bidder must attach the "Determination Letter" from the U.S. Dept. of Veteran Affairs Center.

☒ Place a check mark here only if affirming bidder does not meet the requirements above as a VOSB.

Failure to complete this certification at this time (by checking either of the boxes above) shall render the vendor ineligible for VOSB Preference. This form must be completed by/for the proposer; the proposer WILL NOT qualify for VOSB Preference based on their sub-contractors' qualifications.

COMPANY NAME: Craven, Thompson & Associates, Inc.

PRINTED NAME / AUTHORIZED SIGNATURE: Patrick J. Gibney, P.E.



**CERTIFICATION REGARDING LOBBYING;  
DEBARMENT, SUSPENSION AND OTHER RESPONSIBILITY MATTERS  
FOR EXPENDITURE OF FEDERAL FUNDS**

**LOBBYING**

As required by 7 CFR Part 3018, for persons entering into a contract, grant or cooperative agreement over **\$100,000** involving the expenditure of Federal funds, the undersigned certifies for itself and its principals that:

- (a) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement;
- (b) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress or an employee of a Member of Congress, in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit **Standard Form - LLL, "Disclosure Form to Report Lobbying,"** in accordance with its instructions; and
- (c) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The undersigned Contractor, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. Chap. 38, Administrative Remedies for False Claims and Statements, apply to this certification and disclosure, if any.

  
\_\_\_\_\_  
Signature of Contractor's Authorized Official

Patrick J. Gibney, P.E., Vice President, Engineering

\_\_\_\_\_  
Printed Name and Title of Contractor's Authorized Official

Craven, Thompson & Associates, Inc.  
\_\_\_\_\_  
Contractor / Name of Company

February 20, 2024  
\_\_\_\_\_  
Date

**DEBARMENT, SUSPENSION AND OTHER RESPONSIBILITY MATTERS**

As required by 7 CFR Part 3017, for persons entering into a contract, grant or cooperative agreement over **\$25,000** involving the expenditure of Federal funds, the undersigned certifies for itself and its principals that:

- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- (b) Have not within a three-year period preceding this application been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- (c) Are not presently indicted for or otherwise criminally or civilly charged by a Government entity (Federal, State, or local) with commission of any offenses enumerated in paragraph (b) of this certification; and
- (d) Have not within a three-year period preceding this application had one or more public transaction (Federal, State, or local) terminated for cause or default; and

Where the applicant is unable to certify to any of the statements in this certification, he or she shall attach an explanation to this application.

  
\_\_\_\_\_  
Signature of Contractor's Authorized Official

Patrick J. Gibney, P.E., Vice President, Engineering

\_\_\_\_\_  
Printed Name and Title of Contractor's Authorized Official

Craven, Thompson & Associates, Inc.  
\_\_\_\_\_  
Contractor / Name of Company

February 20, 2024  
\_\_\_\_\_  
Date

# ARCHITECT - ENGINEER QUALIFICATIONS

## PART I - CONTRACT-SPECIFIC QUALIFICATIONS

### A. CONTRACT INFORMATION

1. <b>TITLE AND LOCATION (City and State)</b> CCNA Continuing Services for Citywide Professional Architectural, Engineering, Surveying and Mapping, Pembroke Pines	
2. <b>PUBLIC NOTICE DATE</b> January 23, 2024	3. <b>SOLICITATION OR PROJECT NUMBER</b> RFQ # PSPW-23-20

### B. ARCHITECT-ENGINEER POINT OF CONTACT

4. <b>NAME AND TITLE</b> Patrick J. Gibney, P.E., Vice President, Engineering		
5. <b>NAME OF FIRM</b> Craven, Thompson & Associates, Inc.		
6. <b>TELEPHONE NUMBER</b> (954) 739-6400	7. <b>FAX NUMBER</b> (954) 739-6409	8. <b>E-MAIL ADDRESS</b> pgibney@craventhompson.com

### C. PROPOSED TEAM

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

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCON-TRACTOR			
a.	X			Craven Thompson & Associates, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	Roadway Design, Drainage, Water & Sewer, Site Civil, Landscape Architecture, Surveying, Construction Administration
b.			X	Bowman Consulting Group <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	2090 Palm Beach Lakes Boulevard Suite 400 West Palm Beach, Florida 33409	Traffic Engineering & Signal Design Services
c.			X	Manuel G. Vera & Associates <input type="checkbox"/> CHECK IF BRANCH OFFICE	13930 SW 47 <sup>th</sup> Street Miami, Florida 33175	Mobile LiDAR
d.			X	InfraMap Corp. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	1100 N. Florida Mango Drive Suite D West Palm Beach, Florida 33409	Subsurface Utility Engineering
e.			X	Quantum Electrical Eng. <input type="checkbox"/> CHECK IF BRANCH OFFICE	2755 Vista Parkway, Suite I-9 West Palm Beach, Florida 33411	Electrical Engineering & Street Lighting
f.			X	Tierra South Florida, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411	Geotechnical Engineering
g.			X	Langan Engineering & Environmental <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	110 East Broward Blvd., Suite 1500 Fort Lauderdale, Florida	Environmental Assessments

### D. ORGANIZATIONAL CHART OF PROPOSED TEAM

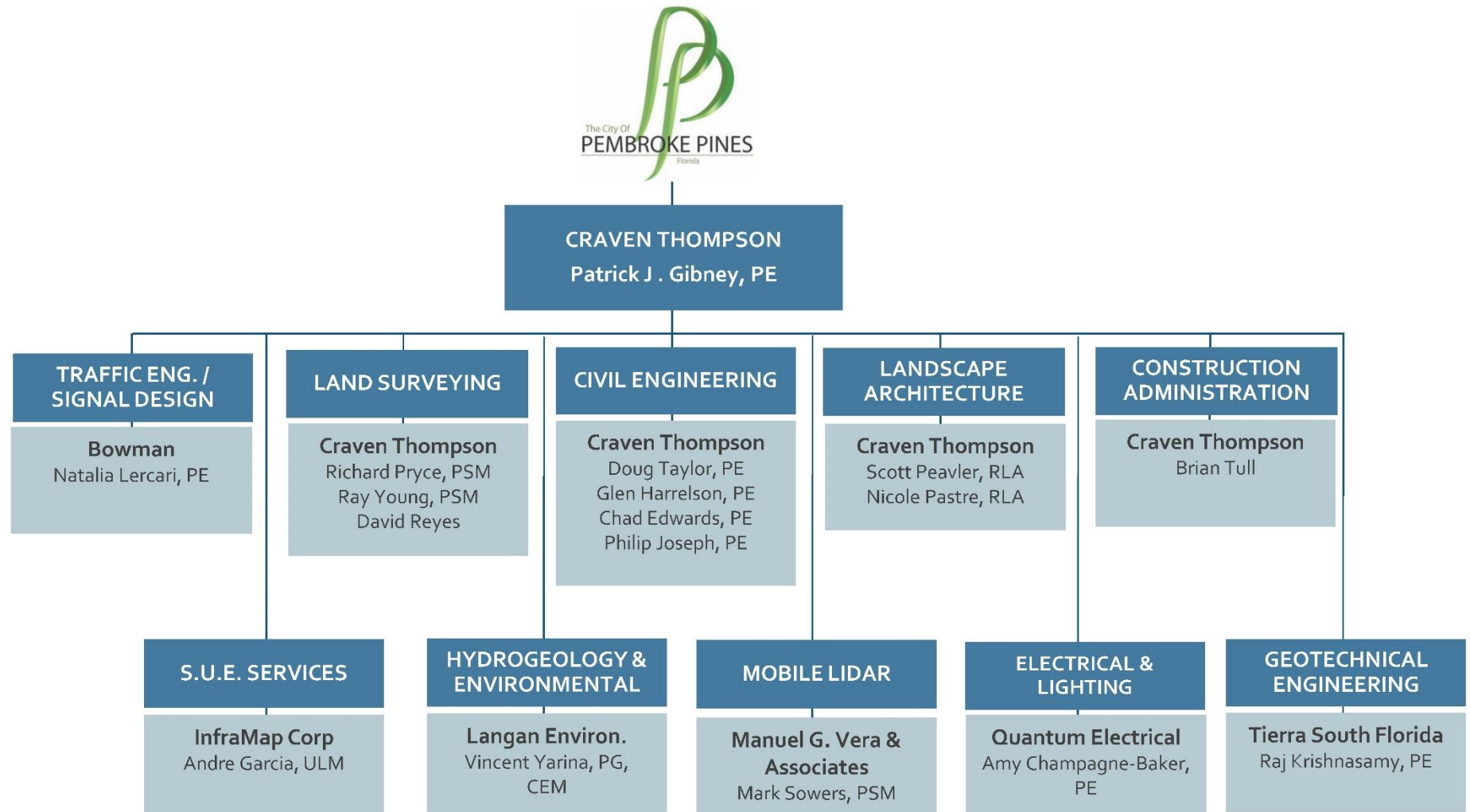
☒ (Attached)





## PART I - CONTRACT-SPECIFIC QUALIFICATIONS

### D. Organizational Chart of Proposed Team





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

12. NAME Patrick J. Gibney, P.E.	13. ROLE IN THIS CONTRACT Project/Contract Manager	14. YEARS EXPERIENCE	
		a. TOTAL 37	b. WITH CURRENT FIRM 31
15. FIRM NAME AND LOCATION (City and State) Craven Thompson & Associates, Inc., 3563 NW 53 <sup>rd</sup> Street, Fort Lauderdale, Florida 33309			
16. EDUCATION (DEGREE AND SPECIALIZATION) Rutgers, The State University, Bachelor of Science, Civil Engineering (1987)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer - Florida No. 49428 (1995)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers, FDOT Pre-Qualified Roadway Construction Engineering Inspection			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Utility Analysis Zone (UAZ) 122 Lauderdale Lakes, Florida	2016	2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Director - The project included the construction of a sanitary sewer collection system consisting of: 19,345 linear feet of 8" gravity main, 1,350 linear feet of 10" gravity main, 4,800 linear feet of 8" force main, 105 service laterals, and two lift stations. The water distribution system improvements included: 11,190 linear feet of 6" main, 10,875 linear feet of 8" main, 5,205 linear feet of 10" main, 3,690 linear feet of 12" main, and 630 linear feet of 16" main.		
b.	River Oaks Neighborhood Drainage Project Fort Lauderdale, Florida	2016 - 2018	2022-2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Improvements included: 12,677 linear feet of swale re-grading, 5,346 linear feet of pipe removal, removal of 251 structures, installation of 90 linear feet of 15" storm sewer, 4,374 linear feet of 18" storm sewer, 4,675 linear feet of 24" storm sewer, 1,771 linear feet of 36" storm sewer, 145 linear feet of 48" storm sewer, 3,129 linear feet of 66" diameter storm sewer, 1,056 linear feet of 72" storm sewer, 2,640 linear feet of 24" exfiltration trench, 236 drainage structures, 2 - STORMCEPTER water quality structures, a TIDEFLEX backflow prevention valve, and 4,219 linear feet of sidewalk. one small stormwater pump station, & one large stormwater pump station.		
c.	Eastside Master Infrastructure Project – Phases 2 & 3 Davie, Florida	2015	2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Managed the design & permitting of the project which consisted of 340 acres of infrastructure rehabilitation. The drainage/roadway work consisted of: 22,763 linear feet of roadway reconstruction; 41,000 SY of swale regrading; 18,940 linear feet of storm sewer; 12,450 SY of sidewalk; 7,400 SY of driveway restoration; and 146 storm structures; The water distribution included: 14,800 linear feet of 6" main; 5,075 linear feet of 8" main; and 5,140 linear feet of 12" main. The sanitary improvements included: 11,455 linear feet of 8" pipe; and 2,945 linear feet of 16" forcemain.		
d.	Pump Station A-13 & Sewer Redirection East of Federal Highway Fort Lauderdale, Florida	2015	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This project was for the construction of Lift Station A-13, located at the southeast corner of Southeast 2 <sup>nd</sup> Court and Southeast 8 <sup>th</sup> Avenue. The project scope included the construction of an 18-inch diameter gravity sanitary sewer system and the connection to an existing active sanitary sewer manhole located at the intersection of Federal Highway and Broward Boulevard to the new lift station.		



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

12. NAME Douglas R. Taylor, P.E.	13. ROLE IN THIS CONTRACT Civil Engineer	14. YEARS EXPERIENCE a. TOTAL 40	b. WITH CURRENT FIRM 13
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15. FIRM NAME AND LOCATION (City and State) Craven Thompson & Associates, Inc., 3563 NW 53 <sup>rd</sup> Street, Fort Lauderdale, Florida 33309
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16. EDUCATION (DEGREE AND SPECIALIZATION) University of Illinois (UIUC) Bachelor of Civil Engineering (1984)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer - Florida No. 50569 (1996) Professional Engineer - IL No. 44542 (1988)
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) -FEMA ICS 100,200,700,800 - FEMA G300, G400 -Florida Green Building Council -Florida Redevelopment Association, APWA
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**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a. (1) TITLE AND LOCATION (City and State) Miramar Historic Area Complete Streets Project – Phase II Miramar, Florida	2017	2019
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - Craven Thompson was selected by the City for Phase II of their Historical Area Complete Streets Project. The project included surveying, landscape and engineering design, permitting and construction services for complete streets in the Historic Area. The project included six (6) streets in the Historical Area. The improvements included: sidewalks, ADA ramps, crosswalks, pedestrian level lighting, landscaping and hardscape.		
b. (1) TITLE AND LOCATION (City and State) SW 36 <sup>th</sup> Street Improvements Davie, Florida	2015	2019
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Engineer - The project consisted of roadway, roadway drainage, utility and landscape/hardscape improvements to SW 36 <sup>th</sup> Street in Davie, Florida. The existing roadway section was approximately 22' wide and was expanded to 25' wide. SW 36 <sup>th</sup> Street was designed as a two (2) lane divided boulevard from College Avenue to SW 76 <sup>th</sup> Avenue within a 75-foot public right-of-way width.		
c. (1) TITLE AND LOCATION (City and State) Kimberly Boulevard Complete Streets Project North Lauderdale, Florida	2018 - 2021	2023
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager for the Design and permitting of 1.2 miles of roadway, bicycle lane, median enhancements, a roundabout, landscaping, hardscape and lane reduction for an existing four-lane roadway subject to speeding and traffic accidents between autos, pedestrians, and bicyclists, Craven Thompson is providing survey, civil engineering, landscape architecture and construction administration and inspection.		
d. (1) TITLE AND LOCATION (City and State) Plantation Golf Estates Neighborhood Drainage Improvements, Plantation, Florida	2017 - 2019	2020 - 2022
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Taylor is assisted with the design and permitting Improvements of the project which included: 1,000 linear feet of swale re-grading, 913 linear feet of storm pipe removal, installation of 532 linear feet of 15" storm sewer, 352 linear feet of 18" storm sewer, 29 linear feet of 72" storm sewer, dredging of 4,875 linear feet of existing canal, installation of 28 - 30" diameter ADS drainage structures. Restoration of the disturbed right-of-way areas was also included.		
e. (1) TITLE AND LOCATION (City and State) Historic Miramar Drainage Infrastructure Improvements Project - Phase IV, Miramar, Florida	2018 - 2021	2022 - 2023
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Engineer - The improvements constructed to alleviate the flooding included: 85,942 linear feet of re-graded swales, 205 new drainage structures, 17,598 linear feet of valley gutter, 3,000 linear feet of 15" diameter RCP storm sewer, 19,141 linear feet of 24" diameter exfiltration trench, pavement milling and overlay, 8 outfall replacement / rehabilitations, driveway removal and replacement, pavement marking & signage, various other right-of-way restoration improvements.		



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

12. NAME Glen Harrelson, P.E.	13. ROLE IN THIS CONTRACT Civil Engineer	14. YEARS EXPERIENCE a. TOTAL 29      b. WITH CURRENT FIRM 1	
15. FIRM NAME AND LOCATION (City and State) Craven Thompson & Associates, Inc., 3563 NW 53 <sup>rd</sup> Street, Fort Lauderdale, Florida 33309			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science, Civil Engineering, Florida International University (1994)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer - Florida No. 62939	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State) Oak Hill Drainage Davie, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2022      CONSTRUCTION (If applicable) Estimated 2025	
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - The Oak Hill Community is a 628-acre existing community of roughly 500 single-family homes and is located north of SW 26 <sup>th</sup> Street, west of 136 <sup>th</sup> Avenue, south of SW 14 <sup>th</sup> Street and east of SW 148 <sup>th</sup> Avenue (including an extension west of 148 <sup>th</sup> Avenue containing Horse Housing Acres). The community generally lies in four quadrants. Craven Thompson is developing plans for drainage improvements for each quadrant.		
(1) TITLE AND LOCATION (City and State) District 3C Water System Broward County, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2022 - Present      CONSTRUCTION (If applicable) To Be Determined	
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead Civil Engineer - Service Area 3C is located in the Southern portion of the County and includes portions of the Cities of Miramar, Pembroke Park, Pembroke Pines, Westpark and includes North Perry Airport. The existing 3C water distribution system has exceeded its pipe service life and is in need of replacement. Improvements to existing watermain transmissions mains are also needed to accommodate future development at North Perry Airport and improve the existing level of service within the service area.		
(1) TITLE AND LOCATION (City and State) SW 63 <sup>rd</sup> Street Drainage Project Southwest Ranches, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2022 - 2023      CONSTRUCTION (If applicable) 2024	
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - The project consists of excavation, clearing, installation of 1,000 linear feet of reinforced concrete (RCP) drainage pipe, installation of specified drainage inlets and a terminal headwall, associated grates, associated erosion control measures, swale re-grading, street and driveway restoration, and installation of grass sod.		
(1) TITLE AND LOCATION (City and State) SW 54 <sup>th</sup> Place Drainage Project Southwest Ranches, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2022 - 2023      CONSTRUCTION (If applicable) 2024	
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - Prepared engineering design plans and permitted the installation of new drainage system in SW 54 <sup>th</sup> Place from SW 160 <sup>th</sup> Avenue east to the Canal. The project lies within the South Broward Drainage District.		
(1) TITLE AND LOCATION (City and State) Southeast Drainage Improvements - Phase 2 Dania Beach, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2020 - 2022      CONSTRUCTION (If applicable) 2023	
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Civil Engineer - Provided civil engineering, permitting for this drainage improvement project to improve current flooding issues at the 103-acre neighborhood bounded by SE 3 <sup>rd</sup> Street to the north, SE 2 <sup>nd</sup> Avenue to the west, SE 7 <sup>th</sup> Street to the south and SE 5 <sup>th</sup> Avenue to the east.		



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

<b>12. NAME</b> Chad E. Edwards, P.E.	<b>13. ROLE IN THIS CONTRACT</b> Civil Engineer	<b>14. YEARS EXPERIENCE</b> <table border="1"> <tr> <td>a. TOTAL 27</td> <td>b. WITH CURRENT FIRM 25</td> </tr> </table>		a. TOTAL 27	b. WITH CURRENT FIRM 25
a. TOTAL 27	b. WITH CURRENT FIRM 25				
<b>15. FIRM NAME AND LOCATION (City and State)</b> Craven Thompson & Associates, Inc., 3563 NW 53 <sup>rd</sup> Street, Fort Lauderdale, Florida 33309					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> Clarkson University, Potsdam, New York (1997) Bachelor of Science - Civil Engineering Major with Environmental Concentration		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> Professional Engineer - Florida No. 59306 (2003)			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b>					

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Parkland Library Expansion Parkland, Florida	PROFESSIONAL SERVICES 2017 - 2019	CONSTRUCTION (If applicable) 2019 - 2020
<b>a.</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Civil Engineer - The City's objective was to have design professionals design a functional and effective expansion to the existing City Library facility located at the Municipal Complex, 6620 University Drive, Parkland, Florida with a strong emphasis on efficient space utilization and effective site aesthetics. The size of the expansion was 6,900 square feet, a separate space for children and families, a multi-purpose program area, and fit within the existing footprint owned by the City.		
Fire Station 13 Fort Lauderdale, Florida	PROFESSIONAL SERVICES 2020 - Present	CONSTRUCTION (If applicable) To Be Determined
<b>b.</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead Civil Engineer - Craven Thompson is currently providing Civil Engineering, Planning, and Landscape Architecture Services for the new Fire Station No. 13 in the City of Fort Lauderdale located at 2871 E. Sunrise Blvd. The new fire station will replace the existing fire station on the same site. The proposed station will be approximately 10,000-12,000 square feet with three bays housing twelve firefighters. The new facility is anticipated to be three stories.		
Stunson Nature Trail Oakland Park, Florida	PROFESSIONAL SERVICES 2016 - 2019	CONSTRUCTION (If applicable) 2019
<b>c.</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Civil Engineer - The City of Oakland Park recently converted an under-utilized piece of land used primarily for the storage of stormwater runoff into a park. The site continues to support stormwater runoff, but now connects a string of County and City parks, further providing open space and natural habitats for the community. Stunson Nature Trail is located in the Royal Palm Acres Neighborhood in the City of Oakland Park.		
Nob Hill Soccer Park Sunrise, Florida	PROFESSIONAL SERVICES 2017 - 2020	CONSTRUCTION (If applicable) 2023
<b>d.</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The project scope included the following major elements: Removal and replacement of three existing soccer fields, drainage improvements and synthetic turf for Fields 1 and 2, drainage improvements for Field 3, the addition of new toddler playground at SE corner of existing community building, a new shade structure, safety surface, fence and access to existing adjacent playground at Nob Hill Elementary School, the refurbishment of the existing aluminum & concrete perimeter fence, and ADA compliance improvements for the overall site.		
Sunrise Sportsplex Sunrise, Florida	PROFESSIONAL SERVICES 2017 - 2018	CONSTRUCTION (If applicable) 2018 - 2019
<b>e.</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Edwards was the lead for civil engineering design & permitting services for Sunrise Sportsplex. In general, the project included: Four baseball fields, two Soccer fields or one Multi-Use Soccer / Football Field, Dugouts, Bleachers, concession, restroom, meeting space/ scorer's building, restroom / maintenance building for the Soccer Fields, Two playgrounds, sports lighting, batting cages, parking lots with entry signage, Southbound Right turn lane on Pine Island Road, and Pedestrian connections to West Pine Middle School.		



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

12. NAME Philip Joseph, P.E.	13. ROLE IN THIS CONTRACT Civil Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 30	b. WITH CURRENT FIRM 20

15. FIRM NAME AND LOCATION (City and State)  
Craven Thompson & Associates, Inc., 3563 NW 53<sup>rd</sup> Street, Fort Lauderdale, Florida 33309

16. EDUCATION (DEGREE AND SPECIALIZATION)  
- FAU, Boca Raton - Master - Business Administration (2001)  
- FAU, Boca Raton - MS in Mechanical Engineering (1993)

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)  
Professional Engineer - Florida No. 50825 (1996)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
Member, American Society of Mechanical Engineers, Computer Skills: AutoCAD, MicroStation, SewerCAD, WaterCAD,

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Master Lift Station W-14 Upgrade Hollywood, Florida	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) 2019
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer – Mr. Joseph provided design and permitting services for the upgraded Government Center system including: 4,830 linear feet of 4" diameter main, 67 water services, and 12 gate valves along with 2,800 square yards of pavement restoration.		
Lift Station A-6 Upgrade Hollywood, Florida	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 2018
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer. This project involved the reconstruction of sanitary sewer Lift Station A6 which included the replacement of the existing suction lift pump station with a new wet well, submersible pumps, converting the existing wet well into a manhole, valve vault, panels, SCADA system as well as hardscape and landscaping. The pumps were designed as variable frequency drives in order to meet the flow-pressure requirements provided by the city.		
Government Center Commercial Alleyways 2" Watermain Replacement - Phase 1, North Miami Beach, Florida	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2020
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer – Mr. Joseph provided design and permitting services for the upgraded Government Center system including: 4,830 linear feet of 4" diameter main, 67 water services, and 12 gate valves along with 2,800 square yards of pavement restoration.		
Triplex Lift Station 50B Rehabilitation Lauderdale Lakes, Florida	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) 2020 - 2021
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Joseph assisted with design, permitting, bidding, and construction management/administration of the 12' diameter wet well, replacement of the valve pit, all new internal piping and valves, a new emergency generator, and replacement of the control panel. This project involved the construction of a submersible triplex station including new 20 HP HOMA submersible pumps, 10" diameter piping, a 12' diameter wet well, valve box, control panel and a new emergency generator. The station was designed to pump 1,760 gallons per minute at 51 feet of head.		
Septic Tank Elimination Program District 3, Area 3A-R Project Dania Beach, Florida	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) 2018
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Installation of approximately four hundred (400') feet of new gravity sewer system and four hundred (400') feet of 6" water main on SW 28 <sup>th</sup> Terrace and north of SW 45 <sup>th</sup> Street in Dania Beach to provide service to approximately eight (8) properties.		





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

12. NAME <b>Scott W. Peavler, R.L.A.</b>	13. ROLE IN THIS CONTRACT <b>Principal Landscape Architect</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>18</b>	b. WITH CURRENT FIRM <b>14</b>
15. FIRM NAME AND LOCATION (City and State) <b>Craven Thompson &amp; Associates, Inc., 3563 NW 53<sup>rd</sup> Street, Fort Lauderdale, Florida 33309</b>			
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Kansas State University Bachelor in Landscape Architecture (2005)</b>		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>Professional Registered Landscape Architect Florida Registration No. LA6666976 (2008)</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <b>Member of American Society of Landscape Architects</b>			

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State) <b>City-Wide Master Plan (BODR) - Streetscape &amp; Complete Streets, Hallandale Beach, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2015 - 2016</b>	CONSTRUCTION (If applicable) <b>Master Plan</b>
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Landscape architect for the preparation of the BODR/Master Plan. This includes City-Wide Master Planning for the 2,800 acres including sidewalk, landscaping, hardscape, median enhancement, complete streets, bike lanes, local roads, sidewalk, and lighting. Craven Thompson provided recommendations for future streetscape corridors, bike lane and greenway planning, and schematic landscape for the City.</b>		
	(1) TITLE AND LOCATION (City and State) <b>Sunrise Sportsplex Sunrise, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2017-2018</b>	CONSTRUCTION (If applicable) <b>2018-2019</b>
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Landscape Architect - In general, the project includes: four (4) baseball / softball fields, two (2) soccer fields or one (1) full size multi-use soccer / football field, hard covered dugouts, bleachers with cantilevered shade canopies, centralized two-story concession, restroom, meeting space and scorer's building, one (1) restroom / maintenance building for the soccer fields, two (2) playgrounds with shade structures, sports lighting for all fields, batting cages, two (2) parking lots with entry signage, southbound right turn lane on Pine Island Road, Pedestrian connections to West Pine Middle School for shared use facilities agreement.</b>		
	(1) TITLE AND LOCATION (City and State) <b>Miramar Historical Area Complete Streets – Phase II Miramar, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2017 - 2019</b>	CONSTRUCTION (If applicable) <b>2019</b>
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Craven Thompson was selected by the City of Miramar for Phase II of their Historical Area Complete Streets Project. The project included surveying, landscape and engineering design, permitting and construction services for complete streets bounded by Pembroke Road to the north, County Line Road to the south, SW 62<sup>nd</sup> Avenue to the west, and State Road 7 to the east. The project included six (6) streets in the Historical Area. The improvements included: sidewalks, ADA ramps, crosswalks, pedestrian level lighting, landscaping and hardscape.</b>		
	(1) TITLE AND LOCATION (City and State) <b>Powerline Road Median Beautification Oakland Park, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2014</b>	CONSTRUCTION (If applicable) <b>2016</b>
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Mr. Peavler designed landscape modifications to medians on Powerline Road (State Road 845) located between Prospect Road and Commercial Boulevard (within the City limits). This included tree relocation, new landscaping &amp; irrigation while coordinating between the City and the Florida Department of Transportation.</b>		
	(1) TITLE AND LOCATION (City and State) <b>Landscape Plan Review Services Coconut Creek, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2012</b>	CONSTRUCTION (If applicable) <b>Present</b>
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Landscape Architect for the City of Coconut Creek, Mr. Peavler provides landscape consulting services in regards to Landscape plan reviews. The services provided include full DRC reviews, Administrative Approval reviews, Tree Removal/ Relocation reviews, and other additional landscape matters as they pertain to City landscape codes.</b>		





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

12. NAME Nicole Pastre, P.L.A.	13. ROLE IN THIS CONTRACT Landscape Architect	14. YEARS EXPERIENCE	
		a. TOTAL 17	b. WITH CURRENT FIRM 3
15. FIRM NAME AND LOCATION (City and State) Craven Thompson & Associates, Inc., 3563 NW 53 <sup>rd</sup> Street, Fort Lauderdale, Florida 33309			
16. EDUCATION (DEGREE AND SPECIALIZATION) University of California, Davis Bachelor in Landscape Architecture (2005)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Registered Landscape Architect Florida Registration No. LA6667055 (2009)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION (City and State) SW 48 <sup>th</sup> Avenue Complete Streets Project West Park, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2022 - 2023	CONSTRUCTION (If applicable) 2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The project involves approximately 7,600 linear feet of right-of-way (not including Mary Saunders Park). Improvements that may be included are as follows: paving (milling & resurfacing and reconstruction), complete street elements, such as textured pavement, raised crosswalks, raised intersections, and speed bumps, ADA compliant sidewalks, bicycle lanes, street trees, landscaping, limited irrigation, signage, drainage and pavement marking & signage. This is a Broward County Surtax Project.		
b.	(1) TITLE AND LOCATION (City and State) Crescent Creek Homeowner's Association - Landscape Buffer Improvements, Coconut Creek, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) 2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project consisted of improving the streetscape and landscape buffer along the front of an existing single-family development by implementing additional trees, palms, accent plantings and shrub beds along the street for beautification and code compliance.		
c.	(1) TITLE AND LOCATION (City and State) Stunson Nature Trail Viewing Platform Oakland Park, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) 2020 - 2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape Architect - Developed construction documents for the installation of a wooden viewing platform and boardwalk within the Stunson Nature Trail Park. Project included landscape design, hardscape design and details for the platform and boardwalk system.		
d.	(1) TITLE AND LOCATION (City and State) City of Plantation Landscape Review Services Plantation, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2022 - Present	CONSTRUCTION (If applicable) Not Applicable
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape Architect. Ms. Pastre provides landscape consulting services in regards to Landscape plan reviews for the City of Plantation. The services provided include full landscape reviews, Tree Removal/ Relocation reviews, and other additional landscape matters as they pertain to City landscape codes.		
e.	(1) TITLE AND LOCATION (City and State) Sawgrass Wastewater Treatment Plant Irrigation Sunrise, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable) 2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape Architect - Ms. Pastre prepared irrigation plans and specifications for the Wastewater Treatment Plant.		



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

12. NAME Richard D. Pryce, P.S.M.	13. ROLE IN THIS CONTRACT Lead Surveyor	14. YEARS EXPERIENCE	
		a. TOTAL 52	b. WITH CURRENT FIRM 18
15. FIRM NAME AND LOCATION (City and State) Craven Thompson & Associates, Inc., 3563 NW 53 <sup>rd</sup> Street, Fort Lauderdale, Florida 33309			
16. EDUCATION (DEGREE AND SPECIALIZATION) Associates of Science in Criminal Justice, BCC (1978) Certificate in advanced GIS & Remote Sensing, BCC (2002)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Surveyor and Mapper Florida No. 4038 (1983)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) - Former Director, Broward County Chapter of Florida Surveying Mapping Society			

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION (City and State) Las Olas Boulevard and Walkability Design Survey Fort Lauderdale, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) Not Applicable
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Survey Project Manager. Craven Thompson surveyed the following roads and intersections: Las Olas Blvd. (full right-of-way) from SE 11 <sup>th</sup> Avenue to the bridge east of SE 17 <sup>th</sup> Avenue, including the following intersecting side streets: SE 12 <sup>th</sup> Avenue (100 feet north of Las Olas Blvd.), SE 13 <sup>th</sup> Avenue (100 feet north of Las Olas Blvd.), SE 15 <sup>th</sup> Avenue (200 feet south of Las Olas Blvd. to 100 feet north of Broward Blvd., SE 15 <sup>th</sup> Avenue at SE 2nd Street (100 feet east and west), SE 15 <sup>th</sup> Avenue at Broward Blvd. (100 feet east and west).		
b.	(1) TITLE AND LOCATION (City and State) SW 190 <sup>th</sup> Avenue Topographic Survey Southwest Ranches, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) Not Applicable
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principal Survey Manager - Craven Thompson prepared a topographic survey of SW 190 <sup>th</sup> Avenue, from one hundred (100) feet south of SW 49 <sup>th</sup> Street, to the north edge of pavement of Griffin Road, approximately 1,215 linear feet in length. The survey consisted of the existing twenty (20) foot wide of platted right-of-way, and a minimum of thirty (30) feet west and twenty-five (25) feet east of the existing right-of-way, for locations and topographic elevations. The locations included up to one hundred (100) feet east and west of each intersection.		
c.	(1) TITLE AND LOCATION (City and State) Pine Island Road Drainage As-builts for BCHCED Broward County, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) Not Applicable
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principal Survey Manager - Craven Thompson prepared Record Drawing of Drainage Structures on Pine Island Road for Broward County Highway Construction & Engineering Division. We established horizontal control points within the project area. All survey control horizontal locations were tied into the State Plane, Florida East Zone, NAD 83/90 Coordinate system.		
d.	(1) TITLE AND LOCATION (City and State) Fort Lauderdale Sanitary Sewer Mapping- GIS and Surveying Fort Lauderdale, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018 - 2019	CONSTRUCTION (If applicable) Not Applicable
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principal Survey /GIS Manager. Responsible for establishing Primary and Secondary Vertical Control with over 3,000 new benchmarks for Sanitary Sewer Mapping of the City, including As-built/Inventory, 5,917 Sanitary Manholes, 190 pump Stations, 15 meters, and 80 miles of force mains and their associated valves.		
e.	(1) TITLE AND LOCATION (City and State) Margate Hydrographic Canal Survey Margate, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) Not Applicable
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Craven Thompson provided professional Surveying services for the proposed canal rehabilitation and pedestrian path. Craven Thompson prepared Boundary, Topographic and Hydrographic Survey of the canal lying along the east side of Parcel "A", "Margate Third Addition". The north-south canal was extremely overgrown with Brazilian Pepper and Australian Pines which made it difficult to locate edge of water, top of bank and deep cut line.		



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

12. NAME Raymond Young, P.S.M.	13. ROLE IN THIS CONTRACT Professional Surveyor	14. YEARS EXPERIENCE	
		a. TOTAL 42	b. WITH CURRENT FIRM 30
15. FIRM NAME AND LOCATION (City and State) Craven Thompson & Associates, Inc., 3563 NW 53 <sup>rd</sup> Street, Fort Lauderdale, Florida 33309			
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Surveyor and Mapper Florida No. 5799 (1998)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Florida Society of Professional Surveyors and Mappers			

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION (City and State) As-Built Survey of Security Gate Southwest Ranches, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) Not Applicable
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Craven Thompson & Associates prepared an as-built survey of a portion of the boundary of the Town of Southwest Ranches, along SW 207 <sup>th</sup> Terrace and SW 54 <sup>th</sup> Place. The purpose of this survey was to determine the relationship of the security gate operating equipment, to the dedicated right-of-way for SW 207 <sup>th</sup> Terrace, and the location of the existing guardrail, and its relationship to the dedicated right-of-way for SW 54 <sup>th</sup> Place.		
b.	(1) TITLE AND LOCATION (City and State) Roadway Maintenance Easement Oakland Park, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) Not Applicable
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Survey Project Manager - Craven Thompson prepared a sketch and legal description of the right-of-way of Prospect Road and Andrews Avenue, that is occupied by the improvements to the Plaza. The sketch and legal will be used as an attachment to the Revocable License Agreement prepared by Broward County. The Revocable License Agreement facilitated the planned improvements within the right-of-way.		
c.	(1) TITLE AND LOCATION (City and State) Hydrographic and Storm Water Infrastructure Survey Greenacres, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) Not Applicable
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Surveyor. Along with our sub-consultant, Craven Thompson created a survey from high-resolution, low-level LiDAR and ground surveying. The survey included roadways and canal cross-sections for proposed Drainage Improvements. Also, included Right-of-way surveys, storm drains, canals and ditches along 1 <sup>st</sup> Street in the Original Section area of the City of Greenacres and a portion of Lake Worth Canal E-3 (cross sectioned).		
d.	(1) TITLE AND LOCATION (City and State) Topographic/Hydrographic Surveys for Boat Ramps Improvements, Sunrise, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) Not Applicable
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Prepared topographic survey, including elevations obtained from a hydrographic survey, at six (6) different canal locations. The survey limits consisted of only those canal locations for the purpose of engineering design for eight (8) boat ramps.		
e.	(1) TITLE AND LOCATION (City and State) Greenacres - Digital Topographic Mapping for FEMA Flood Map, Greenacres, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) Not Applicable
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Craven Thompson created a survey from high-resolution, low-level LiDAR and ground surveying. The survey included roadways and canal cross-sections for proposed Drainage Improvements. Also, included Right-of-way surveys, storm drains, canals, and ditches along 1 <sup>st</sup> Street in the Original Section area of the City of Greenacres and a portion of Lake Worth Canal E-3 (cross sectioned).		



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

12. NAME David Reyes	13. ROLE IN THIS CONTRACT Senior GIS/Survey Technician	14. YEARS EXPERIENCE a. TOTAL 34 b. WITH CURRENT FIRM 10	
15. FIRM NAME AND LOCATION (City and State) Craven Thompson & Associates, Inc., 3563 NW 53 <sup>rd</sup> Street, Fort Lauderdale, Florida 33309			
16. EDUCATION (DEGREE AND SPECIALIZATION) Multiple Continuing Education programs in Surveying, GIS, and Mapping technologies.		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Certified Survey Technician Level III, FL, 2003 FDOT Maintenance of Traffic, FL	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) - Member, CAICE Users Group      - Member, Florida GPS Users Group      - Member, Florida Local Users Group - MicroStation Community      - Secretary, Florida Surveying & Mapping Society, Broward County Chapter 2004 - Member, Florida Surveying & Mapping Society, Indian River County Chapter 2008			

**19. RELEVANT PROJECTS**

a. (1) TITLE AND LOCATION (City and State) Fort Lauderdale Sanitary Sewer System GIS & Surveying Fort Lauderdale, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018 - 2019	CONSTRUCTION (If applicable) Not Applicable
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Craven Thompson established Primary and Secondary Vertical Control with over 3,000 new benchmarks for Sanitary Sewer Mapping of the City, including As-built/Inventory of Manholes, Pump Stations, meters, valves, air valves and 80 miles of force mains.		
b. (1) TITLE AND LOCATION (City and State) Fort Lauderdale Stormwater Master Plan – GIS & Surveying Fort Lauderdale, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016 - 2017	CONSTRUCTION (If applicable) Not Applicable
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Field Coordinator for Field Operations and Senior CAD Technician, GPS Network data collection and adjustment, coordination of field crews, Mobile Lidar computer extraction and Digital Terrain Model development.		
c. (1) TITLE AND LOCATION (City and State) City-Wide Digital Topographic Mapping Greenacres, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) Not Applicable
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The project consisted of Aerial LiDAR mapping of the portion of the City of Greenacres lying north of Lake Worth Road for submittal to FEMA to be included in the latest Flood Mapping updates. The survey included a GPS network of control to meet horizontal & vertical accuracies to 0.10 feet on all hard surfaces in the project area.		
d. (1) TITLE AND LOCATION (City and State) Stormwater GIS/Data Collection Project North Miami Beach, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017 - 2018	CONSTRUCTION (If applicable) Not Applicable
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Data Collection and G.I.S. Specialist - The City is divided into six (6) zones and that structure/pipe data was collected within each zone and identified by zone and structure numbers. GIS data was collected and processed utilizing the City's existing Unit ID naming system in the geodatabase. The Craven Thompson data was collected by a Unique ID. We provided the city with a copy of the updated geodatabase with all the proposed data fields to be collected for review.		
e. (1) TITLE AND LOCATION (City and State) Central Broward Water Control District - East Basin Project - Aerial LiDAR & DTM, Town of Davie and Southwest Ranches, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013 - 2014	CONSTRUCTION (If applicable) Not Applicable
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Field Coordinator for Field Operations and Senior CAD Technician, GPS Network data collection and adjustment, coordination of field crews, and CAD Technician for final drawings and computations for Hydrographic & topographic surveys. Also included Digital Terrain Model development.		



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

12. NAME Brian Tull	13. ROLE IN THIS CONTRACT Construction Manager	14. YEARS EXPERIENCE a. TOTAL 24 b. WITH CURRENT FIRM 17	
15. FIRM NAME AND LOCATION (City and State) Craven Thompson & Associates, Inc., 3563 NW 53 <sup>rd</sup> Street, Fort Lauderdale, Florida 33309			
16. EDUCATION (DEGREE AND SPECIALIZATION) Certified for Troxler Nuclear Testing (2009) United States Navy - Mechanical and Safety Inspector on F-14 Tomcat Aircraft		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Tull is a Senior Construction Inspector with 23 years of experience in all phases of construction in civil design and inspections on residential, commercial, and governmental projects.			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Eastside Master Infrastructure Project, Phases 2 & 3 Davie, Florida	PROFESSIONAL SERVICES 2015 - 2018	CONSTRUCTION (If applicable) 2018
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Tull was responsible for Construction inspection. Project included: 5,075 linear feet of 8" watermain, 5,140 linear feet of 12" watermain, 11,455 linear feet of 8" sanitary gravity sewer, 2,945 linear feet of 16" sanitary forcemain, 18,940 linear feet of storm sewer, 41,000 square yards of swale regrading, and over 20,000 SY of roadway reconstruction.		
(1) TITLE AND LOCATION (City and State) Master Pump Station 224 Lighthouse Point, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2018-2019 CONSTRUCTION (If applicable) 2021	
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Responsible for construction management. Rehabilitated existing Master Pump Station 224 including wet well rehabilitation, by-pass system, replacement of piping, pumps, panels, electrical services, valves, water proof vaults, hatches, SCADA instrumentation within the parcel of MPS 224.		
(1) TITLE AND LOCATION (City and State) SW 36 <sup>th</sup> Street Improvements Davie, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2015 CONSTRUCTION (If applicable) 2019	
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Construction Inspector - The project consisted of roadway, roadway drainage, utility & landscape/ hardscape improvements to SW 36 <sup>th</sup> Street in Davie, Florida. The existing roadway section was expanded from 22' to 25' wide. SW 36 <sup>th</sup> Street was designed as a two-lane divided boulevard from College Avenue to SW 76 <sup>th</sup> Avenue within a 75-foot public Right-of-Way width.		
(1) TITLE AND LOCATION (City and State) Davie Road Phase I Roadway Improvements - CEI Services Davie, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES N/A CONSTRUCTION (If applicable) 2015 -2016	
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Construction Inspector - This project was for the construction engineering inspection services to re-construct a public roadway known as Davie Road Phase 1 within public right-of-way owned by Broward County extending from the State Road 84 Right-of-Way to Nova Drive. The length of the reconstruction was approximately 2,640 linear feet. The construction project consisted of pavement, base and sub-grade reconstruction, curb & gutter construction, bike lane construction, sidewalk construction, median construction, driveway reconstruction within the Right-of-Way, drainage system construction, landscaping & irrigation construction, pavement marking & signage, traffic signal modification at Reese Road and at Nova Drive, street lighting, and coordination with utility companies.		






<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>1</b>
<b>21. TITLE AND LOCATION (CITY AND STATE)</b> <b>Master Pump Station 224 Improvements</b> <b>Lighthouse Point, Florida</b>	<b>22. YEAR COMPLETED</b> <b>PROFESSIONAL SERVICES</b> <b>2018 - 2019</b>	<b>CONSTRUCTION (If applicable)</b> <b>2021</b>
<b>23. PROJECT OWNER'S INFORMATION</b>		
<b>a. PROJECT OWNER</b> <b>Broward County Water &amp; Wastewater Services</b>	<b>b. POINT OF CONTACT NAME</b> <b>Mr. Mike Hagerty, P.E., LEED AP</b> <b>Engineering Unit Supervisor</b>	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> <b>Phone: (954) 831-3217</b> <b>Email: <a href="mailto:mhagerty@broward.org">mhagerty@broward.org</a></b>

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)**

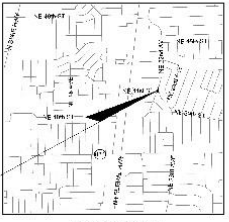
Craven Thompson & Associates, Inc. provided professional consulting services to County for surveying, design, regulatory permitting assistance, cost estimating, bidding and award for the construction contract. Rehabilitated existing Master Pump Station 224 including wet well rehabilitation, by-pass system, replacement of piping, pumps, panels, electrical services, valves, water proof vaults, hatches, SCADA instrumentation, provided by County, etc. within the parcel of MPS 224.

Construction Cost: \$1,567,660.00

**RETAIL MASTER PUMP STATION 224 REHABILITATION**  
**BCWWS PROJECT 9150**  
**BID SET**  
**CITY OF LIGHTHOUSE POINT**  
**BROWARD COUNTY, FLORIDA**  
**DECEMBER 2017**



PROJECT LOCATION  
BROWARD COUNTY



LOCATION MAP  
4" IS. NB. 22ND AVE. N. L. - LIGHTHOUSE POINT, FL  
SECTION 14, TOWNSHIP 48 SOUTH 4 RANGE 45 EAST

SHEET NO.	DESCRIPTION	REV.
1	GENERAL NOTES	
2	PROPOSED CONSTRUCTION	
3	EXISTING UTILITIES	
4	PROPOSED PIPING	
5	PROPOSED ELECTRICAL	
6	PROPOSED SCADA	
7	PROPOSED VALVES	
8	PROPOSED PUMPS	
9	PROPOSED PANELS	
10	PROPOSED HATCHES	
11	PROPOSED VENTS	
12	PROPOSED WET WELL	
13	PROPOSED BY-PASS	
14	PROPOSED PIPING	
15	PROPOSED ELECTRICAL	
16	PROPOSED SCADA	
17	PROPOSED VALVES	
18	PROPOSED PUMPS	
19	PROPOSED PANELS	
20	PROPOSED HATCHES	
21	PROPOSED VENTS	
22	PROPOSED WET WELL	
23	PROPOSED BY-PASS	
24	PROPOSED PIPING	
25	PROPOSED ELECTRICAL	
26	PROPOSED SCADA	
27	PROPOSED VALVES	
28	PROPOSED PUMPS	
29	PROPOSED PANELS	
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39	PROPOSED PANELS	
40	PROPOSED HATCHES	
41	PROPOSED VENTS	
42	PROPOSED WET WELL	
43	PROPOSED BY-PASS	
44	PROPOSED PIPING	
45	PROPOSED ELECTRICAL	
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47	PROPOSED VALVES	
48	PROPOSED PUMPS	
49	PROPOSED PANELS	
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83	PROPOSED BY-PASS	
84	PROPOSED PIPING	
85	PROPOSED ELECTRICAL	
86	PROPOSED SCADA	
87	PROPOSED VALVES	
88	PROPOSED PUMPS	
89	PROPOSED PANELS	
90	PROPOSED HATCHES	
91	PROPOSED VENTS	
92	PROPOSED WET WELL	
93	PROPOSED BY-PASS	
94	PROPOSED PIPING	
95	PROPOSED ELECTRICAL	
96	PROPOSED SCADA	
97	PROPOSED VALVES	
98	PROPOSED PUMPS	
99	PROPOSED PANELS	
100	PROPOSED HATCHES	


**CONTACTS:**

**CRAVEN THOMPSON & ASSOCIATES, INC.**  
 3563 NW 53rd Street  
 Fort Lauderdale, Florida 33309  
 TEL: (954) 754-4443 FAX: (954) 754-4443  
 E: [info@craventhompson.com](mailto:info@craventhompson.com) W: [www.craventhompson.com](http://www.craventhompson.com)


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 1000 NW 10th Avenue  
 Fort Lauderdale, Florida 33309  
 TEL: (954) 754-4443 FAX: (954) 754-4443  
 E: [info@novaconsulting.com](mailto:info@novaconsulting.com) W: [www.novaconsulting.com](http://www.novaconsulting.com)

PREPARED FOR


**BROWARD COUNTY**  
**WATER AND WASTEWATER SERVICES**  
**(BCWWS)**



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14 0011 001 16

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53rd Street Fort Lauderdale, Florida 33309	(3) Role Prime - Surveying, Design, Permitting, & CEI Services
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role





F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER <b>2</b>
21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
City of Miami Gardens Livable Neighborhood Improvement Project – Vista Verde Phases 1C, 1D, 2, and 3 Miami Gardens, Florida	PROFESSIONAL SERVICES  2018	CONSTRUCTION (If applicable)  2019 - 2020
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Miami Gardens	b. POINT OF CONTACT NAME Mr. Tom Ruiz, CGC, CFM Public Works Director	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (786) 279-1260 Email: <a href="mailto:truiz@miamigardens-fl.gov">truiz@miamigardens-fl.gov</a>
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

The Vista Verde Phase 1C, 1D, 2, 3 Improvements project is located within the City of Miami Gardens bordered by NW 213<sup>th</sup> Street to the north, NW 207<sup>th</sup> Lane to the south, NW 37<sup>th</sup> Avenue (Douglas Road) to the east, and a vacant plot of land to the west. This is a drainage improvements project for the City of Miami Gardens.

Improvements include, but are not limited to the following:

- 7,280 linear feet of storm sewer,
- 5,640 linear feet of exfiltration trench,
- 140 drainage structures,
- 30,050 SY of roadway milling & resurfacing,
- and 29,900 SY of roadway reconstruction.

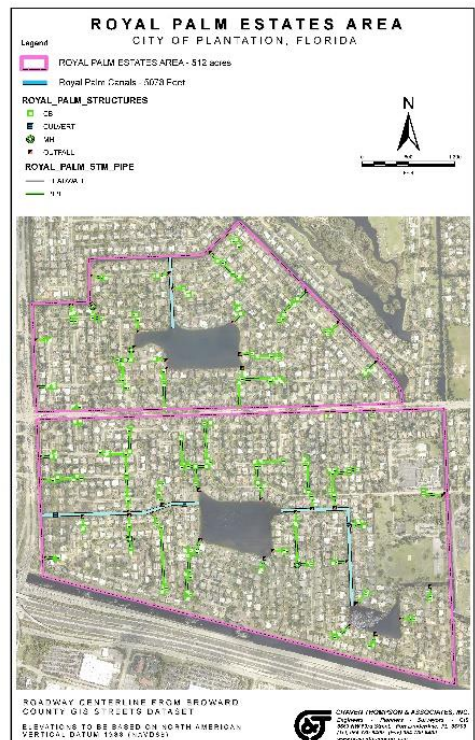
The project involved the design, permitting of Improvements for multiple phases within the Vista Verde neighborhood in the City of Miami Gardens. Craven Thompson processed permit applications with Miami Dade Department of Environmental Resources Management. Prepared bid documents. Craven Thompson provided all of the survey services, all civil engineering, and will provide construction management for the project.



#### 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Prime - Surveying, Stormwater Modeling, Drainage Design, Permitting, and CEI Services
b.	(1) FIRM NAME InfraMap Corp	(2) FIRM LOCATION (City and State) 1100 N. Florida Mango Rd., #D West Palm Beach, Florida 33409	(3) Role Sub-consultant - Sub-Surface Utility Locates
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <div style="font-size: 24pt; font-weight: bold; margin-top: 5px;">3</div>	
<b>21. TITLE AND LOCATION (CITY AND STATE)</b> Royal Palm Estates Neighborhood Drainage Improvements, Plantation, Florida	<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES <div style="text-align: center; font-weight: bold;">2017 - 2019</div>	CONSTRUCTION (If applicable) <div style="text-align: center; font-weight: bold;">2022</div>	
<b>23. PROJECT OWNER'S INFORMATION</b>			
<b>a. PROJECT OWNER</b> City of Plantation	<b>b. POINT OF CONTACT NAME</b> Mr. Joseph DeGirolmo Engineer 1	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> Phone: (954) 797-2277 Email: <a href="mailto:jdegirolmo@plantation.org">jdegirolmo@plantation.org</a>	
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>			
<p>Craven Thompson provided surveying, analysis, assessment for repair/replacement of existing storm water management systems, preparation of construction documents and permitting, bidding assistance, and construction services for the Royal Palm Estates Neighborhood. The neighborhood is 512 acres in size and is bounded by the El Dorado Neighborhood to the north, SW 63<sup>rd</sup> Avenue. to the east, S. University Drive to the west, and I-595 to the south.</p> <p>Improvements included:</p> <ul style="list-style-type: none"> <li>▪ 12,080 linear feet of swale re-grading,</li> <li>▪ 11,279 linear feet of storm pipe removal,</li> <li>▪ removal of 177 storm drainage structures,</li> <li>▪ the installation of 4,093 linear feet of 15" diameter storm sewer,</li> <li>▪ 2,483 linear feet of 18" diameter storm sewer,</li> <li>▪ 4,691 linear feet of 24" diameter storm sewer,</li> <li>▪ 371 linear feet of 30" diameter storm sewer,</li> <li>▪ the removal and replacement of 3 outfalls,</li> <li>▪ the installation of 154 - 30" diameter ADS drainage structures,</li> <li>▪ 5 - type "C" catch basins,</li> <li>▪ 5 - 4' diameter drainage structures,</li> <li>▪ and 10 - 5' diameter drainage structures.</li> </ul> <p>The project also included the dredging and re-shaping of 5,078 linear feet of existing canals. Restoration of the disturbed right-of-way areas was also included.</p>			
			
<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>			
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Prime - Surveying, Stormwater Asset Assessment, Stormwater Modeling, Design, Construction Plans, Bid Assistance, Permitting, and CEI Services
b.	(1) FIRM NAME InfraMap Corp	(2) FIRM LOCATION (City and State) 1100 N. Florida Mango Rd., #D West Palm Beach, Florida 33409	(3) Role Sub-consultant - Sub-Surface Utility Locates
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>4</b>
<b>21. TITLE AND LOCATION (CITY AND STATE)</b> Hollywood HMGP Grant Emergency Generators for Lift Stations E-01, W-14, & W-15, Hollywood, Florida	<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) 2021

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Hollywood	b. POINT OF CONTACT NAME Mr. Jeff Jiang, P.E. Assistant Director - ECSD	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 921-3930 Email: <a href="mailto:fjiang@hollywoodfl.org">fjiang@hollywoodfl.org</a>

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The City of Hollywood was awarded grants from the State of Florida Department of Emergency Management (FDEM) as part of the Federal Emergency Management Agency (FEMA) Hazard Mitigation Grant Program (HMGP) program to install backup electrical power generators for lift stations E-01, W-14, and W-15. Craven Thompson as prime, along with sub-consultants, Hillers Electrical, TRC Worldwide, and Tierra South Florida were selected by the City to provide surveying, planning, administrative services, design, permitting, preparation of preconstruction and project coordination activities, preparation of generator startup reports, coordination with the City and FEMA, permitting, engineering support services and construction engineering inspection for the projects. Generator upgrades are being provided in conformance with NFPA 820. Other design considerations included: coordination with FPL, changes to main disconnect and automatic transfer system (ATS), upgrades to grounding and lightning arrestor systems, ancillary electrical components including lighting, permanent standby power generator(s) and fuel systems with minimum fuel capacity for 72 hours, and sound attenuated enclosure (73dBA @ 21') and critical muffler design.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Prime - Surveying, Lift Station Design, Emergency Generator Design, Permitting, and CEI Services
b.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411	(3) Role Sub-consultant - Geotechnical Engineering
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
E	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role



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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER <b>6</b>
21. TITLE AND LOCATION (CITY AND STATE) Central Broward Water Control District – District Engineer, Davie, Florida	PROFESSIONAL SERVICES 2007 - Present	22. YEAR COMPLETED CONSTRUCTION (If applicable) Varies
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Central Broward Water Control District	b. POINT OF CONTACT NAME Mr. Thomas Good District Manager	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 432-5110 Email: <a href="mailto:districtmanager@centralbrowardwcd.org">districtmanager@centralbrowardwcd.org</a>
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

Craven Thompson & Associates has served as the District Engineer for the Central Broward Water Control District (CBWCD) since March 2007. In this capacity, we review and recommend approval of all drainage projects within the District; review variance requests; serve on the Development Review Committee; attend Board meetings; and prepare construction plans for capital improvement projects. Services to the District include plan and Constructability Review; engineering studies and reports; plan review, surveying; design & permitting for capital improvement projects; construction services; inspection services; and meeting attendance.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309
		(3) Role Prime – Surveying, Stormwater Modeling, Design, Capital Improvement Development, Plan Review, Permitting, and CEI Services
b.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION (City and State) 2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411
		(3) Role Sub-consultant - Geotechnical Services
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) Role



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER <b>7</b>
21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
Utility Analysis Zone (UAZ) 122 Lauderdale Lakes, Florida	PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION (If applicable) <b>2021</b>

## 23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Broward County Water & Wastewater Services	b. POINT OF CONTACT NAME Mr. Mike Hagerty, P.E., LEED AP Engineering Unit Supervisor	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 831-3217 Email: <a href="mailto:mhagerty@broward.org">mhagerty@broward.org</a>
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## 24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

UAZ 122 is a one hundred and sixty (160) acre area bounded by the SFWMD C-13 Canal to the north, NW 47<sup>th</sup> Avenue to the east, West Oakland Park Boulevard to the south and the Florida Turnpike to the west in the City of Lauderdale Lakes, Florida.

The project included the construction of a sanitary sewer collection system consisting of:

- 19,345 linear feet - 8" gravity main
- 1,350 linear feet - 10" gravity main
- 4,800 linear feet - 8" force main
- and 105 service laterals
- Two lift stations

The water distribution system improvements included:

- 11,190 linear feet - 6" main
- 10,875 linear feet - 8" main
- 5,205 linear feet - 10" main
- 3,690 linear feet - 12" main
- 630 linear feet - 16" main
- abandonment and grouting of 25,435 linear feet of existing watermain
- and the construction of 66 water services



In addition, 30,600 linear feet of roadway reconstruction along with right-of-way restoration was constructed. Craven Thompson modeled the systems using SewerCAD and WaterCAD as well as created the construction documents, permitting, assisting with bidding and CEI services for the infrastructure rehabilitation projects.

## 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Prime - Surveying, Utility Modeling, Civil Engineering, Permitting, Bid Assistance, CEI/Construction Management & Inspection Services
b.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION (City and State) 1100 N. Florida Mango Rd., Suite D West Palm Beach, Florida 33409	(3) Role Sub-consultant - Subsurface Utility Locates
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role





<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>8</b>				
<b>21. TITLE AND LOCATION (CITY AND STATE)</b> Broward County Parks & Recreation Boaters Park Parking - Surveying & LA Services, Fort Lauderdale, Florida	<b>22. YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2018</td> <td>2020</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2018	2020
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2018	2020					

**23. PROJECT OWNER'S INFORMATION**

<b>a. PROJECT OWNER</b> Thompson & Associates, Inc.	<b>b. POINT OF CONTACT NAME</b> Mr. James Thompson, P.E. President	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> Phone: (954) 761-1073 Email: <a href="mailto:james@thompson-inc.com">james@thompson-inc.com</a>
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)**

Craven Thompson prepared a survey and landscape architectural services for the Boaters Park parking facilities as a subconsultant to Thompson & Associates.

Craven Thompson prepared a landscape plan to provide for trees within the parking islands and additional landscape around the parking areas. The plan included a comprehensive plant list that supplied quantity and plant specifications for all trees and a complete set of landscape details suitable for construction. Craven Thompson also prepared a tree removal/relocation plan for all the existing trees on site impacted by the parking lot additions. Plans included details and specifications suitable for bidding and construction.


**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Sub-consultant – Surveying & Landscape Architectural Services
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>9</b>
<b>21. TITLE AND LOCATION (CITY AND STATE)</b> Master Triplex Lift Station W-14 Upgrade Hollywood, Florida		<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES 2016 CONSTRUCTION (If applicable) 2019
<b>23. PROJECT OWNER'S INFORMATION</b>		
a. PROJECT OWNER City of Hollywood	b. POINT OF CONTACT NAME Mr. Jeff Jiang, P.E. Assistant Director ECSD	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 921-3930 Email: <a href="mailto:jjiang@hollywoodfl.org">jjiang@hollywoodfl.org</a>

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*

The rehabilitation for sanitary sewer Mater Triplex Lift Station W14 included the modification of the existing station by replacing the existing pumps based on a wastewater system analysis performed by Craven Thompson, replacement of internal piping to the station wall included valves and fittings, rehabilitation of the existing concrete floor, walls, ceiling, vaults, wet well, dry well, exterior vault, access hatch and concrete pillars, replacement of electrical meter and main, replacement of motor control panels and rewire new pumps, new RTU, new SCADA, rewiring and replacement of branch wiring outlets and fixtures, generator with double wall tank with leak detection, etc.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Prime - Surveying, Wastewater Modeling, Lift Station Design, Permitting, and CEI Services
d.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411	(3) Role Sub-consultant – Geotechnical Engineering
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER <b>10</b>
21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
City of Coconut Creek Landscape Plan Review Services Coconut Creek, Florida	PROFESSIONAL SERVICES <b>2012 - Present</b>	CONSTRUCTION (If applicable) <b>Not Applicable</b>
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Coconut Creek	b. POINT OF CONTACT NAME Ms. Sheila Rose Director of Sustainable Development	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 973-6730 Email: <a href="mailto:srose@coconutcreek.net">srose@coconutcreek.net</a>
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

Craven Thompson & Associates provides landscape consulting services in regards to Landscape plan reviews for the City of Coconut Creek. The services provided include full DRC reviews, Administrative Approval reviews, Tree Removal/ Relocation reviews, and other additional landscape matters as they pertain to City landscape codes.

Construction Cost: Not Applicable



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Prime - Landscape Architectural Plan Review Services
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role



**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified.  
Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

**11**

## 21. TITLE AND LOCATION (CITY AND STATE)

Bluesten Park  
Hallandale Beach, Florida

## 22. YEAR COMPLETED

PROFESSIONAL SERVICES

2016 - 2017

CONSTRUCTION (If applicable)

2019 - 2020

**23. PROJECT OWNER'S INFORMATION**

## a. PROJECT OWNER

City of Hallandale Beach

## b. POINT OF CONTACT NAME

Mr. Manga Ebbe  
Construction Program Manager

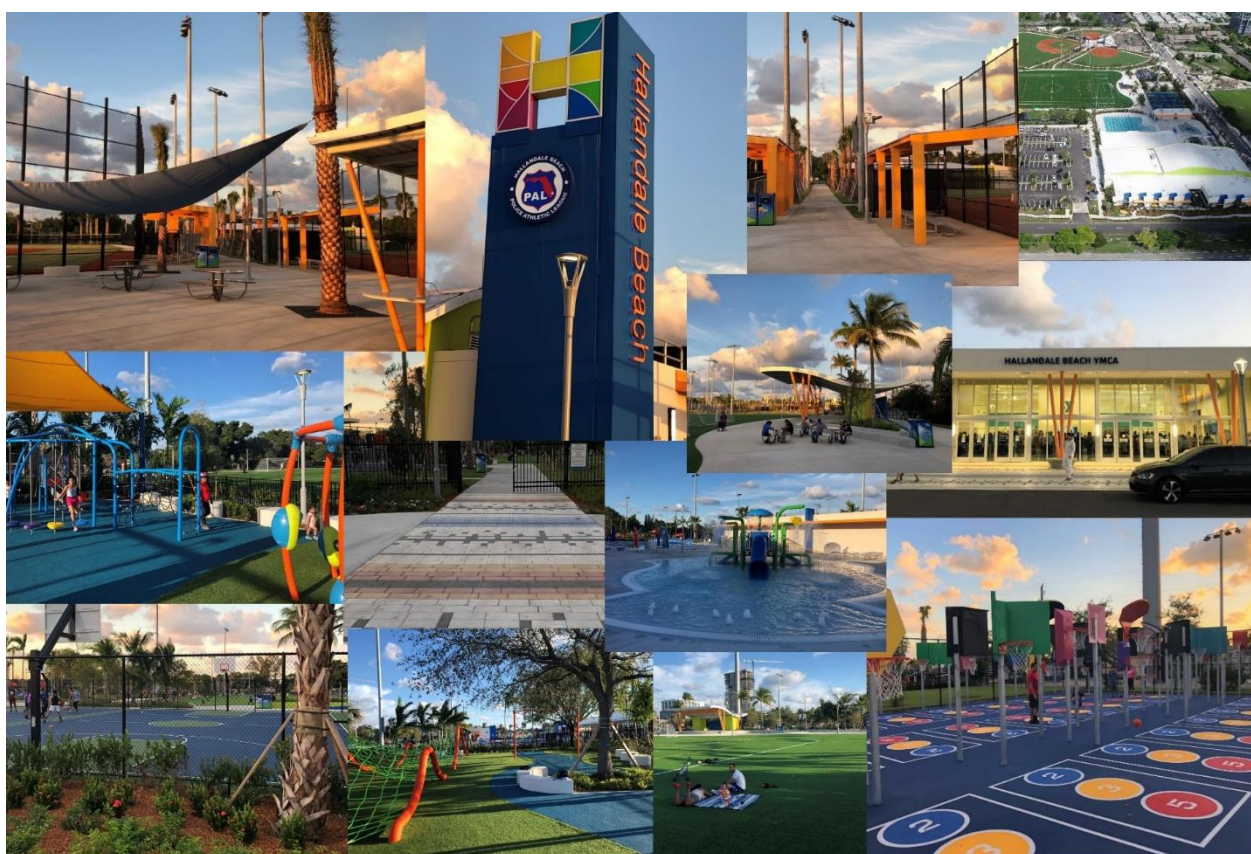
## c. POINT OF CONTACT TELEPHONE NUMBER

Phone: (954)-457-3043

Email: [mebbe@cohb.gov](mailto:mebbe@cohb.gov)

## 24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The Park included a 42,000 square foot Recreation Center with / Pool and Splash Play Area, Soccer/Multi-Use Field, three (3) Baseball Fields, three (3) Basketball Courts, two (2) Tennis Courts, two (2) Racquetball Courts, boundless ADA inclusive playground, walking trails and pavilions; and full promenade streetscape design for surrounding streets for pedestrian friendly corridors and parallel parking.

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Sub-consultant - Landscape Architecture, and Civil Engineering, Construction Services
b.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION (City and State) 1100 N. Florida Mango Rd., #D West Palm Beach, FL 33409	(3) Role Sub-consultant - Subsurface Utility Locates
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role

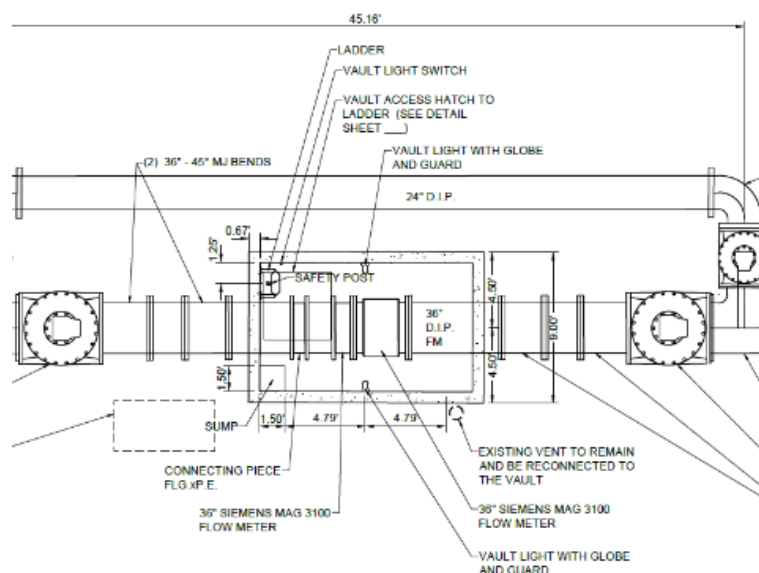
<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>12</b>
<b>21. TITLE AND LOCATION (CITY AND STATE)</b> Retail Wastewater Meter M-471 Rehabilitation - Powerline Road Pompano Beach, Florida		<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES: 2018 CONSTRUCTION (If applicable): 2019
<b>23. PROJECT OWNER'S INFORMATION</b>		
a. PROJECT OWNER Broward County Water & Wastewater Services	b. POINT OF CONTACT NAME Mr. Mike Hagerty, P.E., LEED AP Engineering Unit Supervisor	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 831-3217 Email: <a href="mailto:mhagerty@broward.org">mhagerty@broward.org</a>

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*

Craven Thompson and Associates, Inc. provided professional consulting services to the County including surveying, design, regulatory permitting assistance, cost estimating, bidding, award and CEI services for the M-471 Retail Wastewater Meter Rehabilitation. Improvements included:

- Replacement of existing 36" venturi meter with a 36" mag meter.
- Replacement of existing butterfly valves with plug valves.
- Installation of line stops and by-pass piping as necessary to pass existing flow.
- Replacement of existing top slab and hatches.
- Designed a permanent pig launching and receiving pit from M-471 north approximately 1,600 linear feet to the tee at NW 30<sup>th</sup> Place and from M-471 south approximately 400 linear feet to the tee heading into the plant.

Construction Cost: \$885,650.00



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

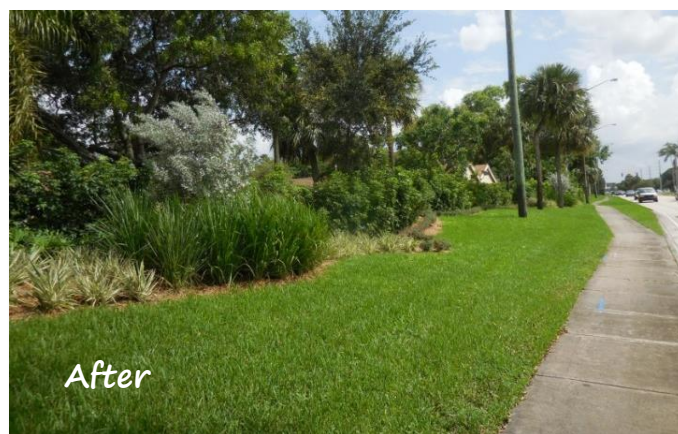
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Prime- Surveying, Design, Regulatory Permitting Assistance, Cost Estimating, Bidding, and CEI Services
b.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION (City and State) 1100 N. Florida Mango Rd., #D West Palm Beach, FL 33409	(3) Role Sub-consultant - Subsurface Utility Locates
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER <b>13</b>
21. TITLE AND LOCATION (CITY AND STATE) The Township Buffer Coconut Creek, Florida	22. YEAR COMPLETED PROFESSIONAL SERVICES 2014 - Present CONSTRUCTION (If applicable) Varies by Phase	
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER The Township Community Master Association, Inc.	b. POINT OF CONTACT NAME Ms. Linda Di Salvio TCMA Administrator	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 973-8094 Email: <a href="mailto:tcmatownship@aol.com">tcmatownship@aol.com</a>
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

The Township Buffer Restoration project is a 5-year multi-phase project to reestablish and improve The Township's buffers along the main arterial roadways in the City, as well as the major internal neighborhood roads within The Township. Along with the prepared construction documents, the design project included a comprehensive set of guidelines to provide direction for the buffer restoration, which was developed through coordination with City Staff and The Township.

**Construction Cost: Varies by Phase**



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Prime - Landscape Architecture
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>14</b>
<b>21. TITLE AND LOCATION (CITY AND STATE)</b> Lift Station 50B3 Lauderdale Lakes, Florida	<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) 2020 - 2021


<b>23. PROJECT OWNER'S INFORMATION</b>		
<b>a. PROJECT OWNER</b> Broward County Water & Wastewater Services	<b>b. POINT OF CONTACT NAME</b> Mr. Mike Hagerty, P.E., LEED AP Engineering Unit Supervisor	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> Phone: (954) 831-3217 Email: <a href="mailto:mhagerty@broward.org">mhagerty@broward.org</a>

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)**

Included in improvements was the construction of a new lift station, lift station 50 B3 (on the west side of NW 40<sup>th</sup> Court) owned by Broward County and operated and maintained by Broward County WWS. This is a duplex submersible lift station. The new lift station 50 B3 improvements include construction of an 8' diameter wet well, a new valve pit, internal piping and valves, and a new control panel. Craven Thompson designed, permitted, and is providing construction engineering and inspection services for the construction of the submersible duplex station including 10 HP AM8434-220 submersible pumps, 10" diameter internal piping, an 8' diameter wet well, valve box, and a control panel. The station was designed to pump 460 gallons per minute at 53 feet of head.



<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>			
<b>a.</b>	<b>(1) FIRM NAME</b> Craven Thompson & Associates, Inc.	<b>(2) FIRM LOCATION (City and State)</b> 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	<b>(3) Role</b> Prime - Surveying, Sanitary Modeling, Lift Station Design, Permitting, Bid Assistance, CEI/Construction Management & Inspection Services
<b>b.</b>	<b>(1) FIRM NAME</b> InfraMap Corp.	<b>(2) FIRM LOCATION (City and State)</b> 1100 N. Florida Mango Rd., #D West Palm Beach, FL 33409	<b>(3) Role</b> Sub-consultant - Subsurface Utility Locate Services
<b>c.</b>	<b>(1) FIRM NAME</b> .	<b>(2) FIRM LOCATION (City and State)</b>	<b>(3) Role</b>
<b>d.</b>	<b>(1) FIRM NAME</b>	<b>(2) FIRM LOCATION (City and State)</b>	<b>(3) Role</b>

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER <b>15</b>
21. TITLE AND LOCATION (CITY AND STATE) Eastside Master Infrastructure Project – Phases 2 & 3 Davie, Florida		22. YEAR COMPLETED PROFESSIONAL SERVICES 2015 CONSTRUCTION (If applicable) 2018
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Town of Davie	b. POINT OF CONTACT NAME Mr. Jonathan Vogt, P.E. Town Engineer	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 797-1137 Email: <a href="mailto:jonathan_vogt@davie-fl.gov">jonathan_vogt@davie-fl.gov</a>
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost) The project is composed of approximately 340 acres within the Town's CRA. The water distribution included: <ul style="list-style-type: none"> <li>14,800 linear feet of 6" diameter main</li> <li>5,075 linear feet of 8" diameter main</li> <li>5,140 linear feet of 12" diameter main</li> <li>Abandon &amp; grout 11,450 LF of existing watermain in place</li> <li>50 fire hydrants</li> <li>154 gate valves</li> <li>40,400 linear feet of water service piping on private property</li> </ul> The sanitary improvements included: <ul style="list-style-type: none"> <li>11,455 linear feet of 8" diameter pipe,</li> <li>40 sanitary manholes</li> <li>2,945 linear feet of 16" diameter forcemain</li> </ul> The drainage/roadway work consisted of: <ul style="list-style-type: none"> <li>22,763 linear feet of roadway reconstruction</li> <li>41,000 square yards of swale regrading</li> <li>18,940 linear feet of storm sewer</li> <li>12,450 square yards of sidewalk</li> <li>7,400 square yards of driveway restoration</li> <li>146 storm structures</li> <li>3 outfalls</li> <li>1 control structure</li> <li>The work also includes landscaping.</li> </ul>		
		
Craven Thompson & Associates performed surveying, subsurface locates, civil design and permitting, landscape architecture, prepared construction documents, bid assistance, and construction engineering services.		
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309
b.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION (City and State) 2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411
c.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION (City and State) 1100 N. Florida Mango Rd., Suite D West Palm Beach, Florida 33409
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) Role
		Prime - Surveying, Stormwater Modeling, Drainage Design, Landscape Design, Water and Sewer Design, Permitting, and CEI Services
		(3) Role
		Sub-consultant - Geotechnical Engineering and Testing Services
		(3) Role
		Sub-consultant - Subsurface Utility Locates

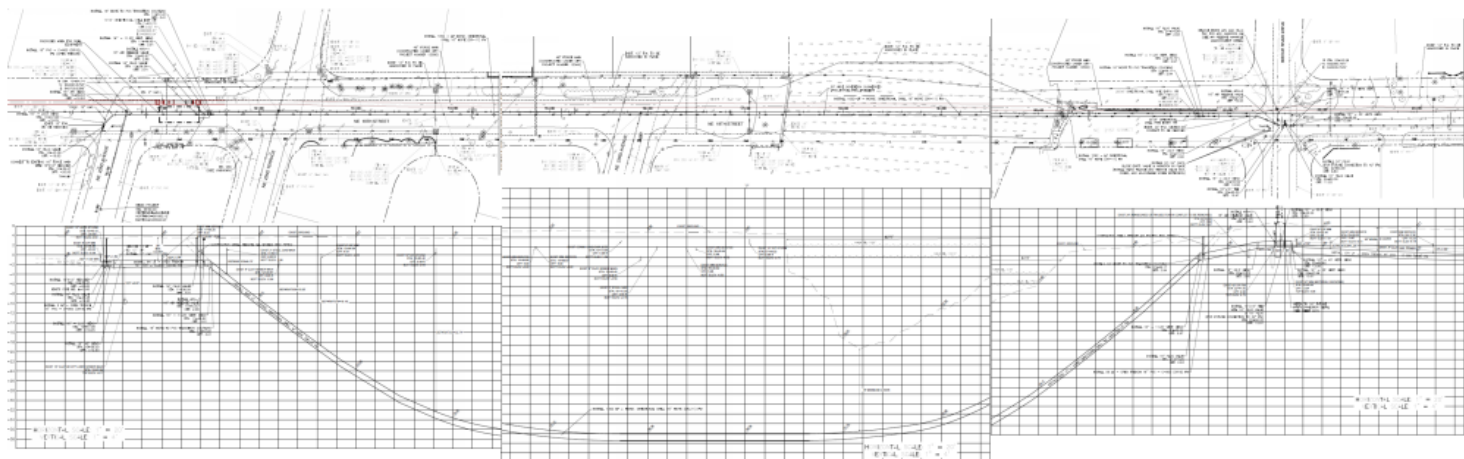


<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>16</b>
<b>21. TITLE AND LOCATION (CITY AND STATE)</b> Design/Build South Middle River Force Main Crossing - 16" Redundant Pipe, Fort Lauderdale, Florida		<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES 2020 - 2021 CONSTRUCTION (If applicable) 2020 - 2021
<b>23. PROJECT OWNER'S INFORMATION</b>		
<b>a. PROJECT OWNER</b> City of Fort Lauderdale	<b>b. POINT OF CONTACT NAME</b> Mr. Omar Castellon, P.E., PMP, ENV SP, Assistant Director – Public Works	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> Phone: (954) 828-5064 Email: <a href="mailto:ocastellon@fortlauderdale.gov">ocastellon@fortlauderdale.gov</a>

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*

The project involved the installation of 16" nominal OD HDPE Force Main under the South Middle River Waterway, with sections of open cut trench installation of 16" PVC Force Main. The total length of subaqueous crossing of 16" HDPE Force Main is 1092 Linear Feet (LF) in length, with an additional 832 Linear Feet (LF) of 16" PVC Force Main installed by open cut trench. Craven Thompson provided full time construction management and inspection staff to monitor contractor adherence to schedule, resolve disputes and conflicts, process and respond to requests for information (RFIs), evaluate Change Order Requests and process valid requests, ensure that construction was performed in conformance with plans and specifications, review as-built plans and shop drawings, process monthly pay applications, complete substantial and final inspections, and certify the project.

The City of Fort Lauderdale awarded the Design Build Contract for the installation of redundant piping to Man-Con, Inc. Craven Thompson was the Engineer of Record and Man-Con, Inc. was the contractor on this Project.


**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Prime– Surveying, Design, Permitting, and CEI Services
b.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION <i>(City and State)</i> 1100 N. Florida Mango Rd., Suite D West Palm Beach, Florida 33409	(3) Role Sub-consultant - Subsurface Utility Locates
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role





F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER <b>17</b>
21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
NE 14 <sup>th</sup> Avenue Streetscape Improvements Hallandale Beach, Florida	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 2018
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Hallandale Beach	b. POINT OF CONTACT NAME Mr. Manga Ebbe Construction Program Manager	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 457-3043 Email: <a href="mailto:mebbe@cohb.gov">mebbe@cohb.gov</a>

## 24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The project area is along NE 14<sup>th</sup> Avenue between Hallandale Beach Boulevard and Atlantic Shores Boulevard. The project corridor is approximately 3,400 linear feet. The project included: Mill and overlay entire roadway (including pavement markings); on east side of NE 14<sup>th</sup> Avenue, mill and overlay off-street parking (including pavement markings) and provide new Type 'D' curbed landscape bulb-outs to delineate parallel parking and include canopy trees, shrubs, groundcover and spray and drip irrigation; bike lanes on both sides of roadway; curbing or other treatments at existing driveway entrances; canopy trees with ground cover intermingled and drip irrigation on the west side of NE 14<sup>th</sup> Avenue; landscape screening along north, south, and west sides of the two (2) storm water pump stations. Landscaping along the west side of the enclosure is limited due to the close proximity of the screen fence to the existing sidewalk; PaveDrain concrete block access drives on each side of the two (2) storm water pump stations; mid-block crosswalks; and resting areas (benches, trash cans, etc.). Craven Thompson provided Surveying, Landscape Architectural, Civil Engineering, and Construction Engineering Inspection Services.

Construction Cost: \$1,157,206.00



## 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Prime – Surveying, Roadway Design, Permitting, Landscape Architecture, CEI/Construction Management & Inspection Services
b.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION (City and State) 2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411	(3) Role Sub-consultant - Geotechnical Engineering
c.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION (City and State) 1100 N. Florida Mango Rd., #D West Palm Beach, Florida 33409	(3) Role Sub-consultant - Subsurface Utility Locates
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER <b>18</b>	
21. TITLE AND LOCATION (CITY AND STATE) Sunrise Sportsplex Sunrise, Florida		22. YEAR COMPLETED PROFESSIONAL SERVICES 2017 - 2018 CONSTRUCTION (If applicable) 2018 - 2019	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER City of Sunrise	b. POINT OF CONTACT NAME Mr. Alan Gavazzi Capital Projects Director	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 572-2487 Email: <a href="mailto:agavazzi@sunrisefl.gov">agavazzi@sunrisefl.gov</a>	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			
<p>Craven Thompson &amp; Associates was selected by the City of Sunrise as the Prime Consultant to oversee all professional services including professional Surveying, Landscape Architectural, Civil Engineering, Architectural and Geotechnical Services for the proposed 16.5-Acre (bond-funded) Athletic Complex located at Pine Island Road and NW 50th Street.</p> <p>In general, the project included:</p> <ul style="list-style-type: none"> <li>Four (4) Baseball / Softball Fields</li> <li>Two (2) Soccer fields or One (1) Full Size Multi-Use Soccer / Football Field</li> <li>Hard covered dugouts</li> <li>Bleachers with cantilevered shade canopies</li> <li>Centralized two-story concession, restroom, meeting space and scorer's building</li> <li>One (1) restroom / maintenance building for the Soccer Fields</li> <li>Two (2) playgrounds with shade structures</li> <li>Sports lighting for all fields</li> <li>Batting cages</li> <li>Two (2) parking lots with entry signage</li> <li>Southbound Right turn lane on Pine Island Road</li> <li>Pedestrian connections to West Pine Middle School for shared use facilities agreement</li> </ul> <p>Construction Cost: \$10,182,000.00</p>			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Prime - Surveying, Landscape Architecture
b.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION (City and State) 2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411	(3) Role Sub-consultant - Geotechnical Engineering
c.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION (City and State) 1100 N. Florida Mango Rd., #D West Palm Beach, Florida 33409	(3) Role Sub-consultant - Subsurface Utility Locates
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER <b>19</b>
21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
Miramar Historic Area Complete Streets Phase II Miramar, Florida	PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable) <b>2019</b>
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER <b>City of Miramar</b>	b. POINT OF CONTACT NAME <b>Mr. Salvador Zuniga, P.E. City Engineer</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>Phone: (954) 602-3323 Email: <a href="mailto:sezuniga@miramarfl.gov">sezuniga@miramarfl.gov</a></b>

## 24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Craven Thompson & Associates, Inc. was selected by the City of Miramar to survey, design, permit, and provide construction services for Phase II of their Historical Area Complete Streets Project. The project included surveying, landscape and engineering design, permitting and construction services for complete streets bounded by Pembroke Road to the north, County Line Road to the south, SW 62<sup>nd</sup> Avenue to the west, and State Road 7 to the east. The project included six (6) streets in the Historical Area. The improvements included: sidewalks, ADA ramps, crosswalks, pedestrian level lighting, landscaping and hardscape. The city received a grant through the Broward Redevelopment Program for the improvements.

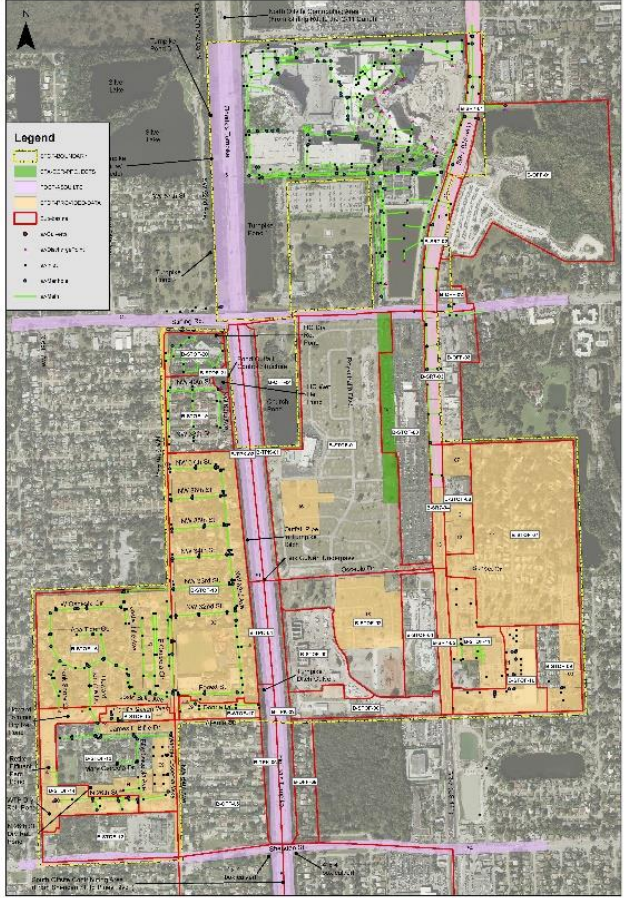
Construction Cost: \$1.9 Million



## 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME <b>Craven Thompson &amp; Associates, Inc.</b>	(2) FIRM LOCATION (City and State) <b>3563 NW 53<sup>rd</sup> Street Fort Lauderdale, Florida 33309</b>	(3) Role <b>Prime – Surveying, Landscape Architecture / Complete Streets, Streetscape, Roadway Design, ADA</b>
b.	(1) FIRM NAME <b>InfraMap Corp.</b>	(2) FIRM LOCATION (City and State) <b>1100 N. Florida Mango Rd., #D West Palm Beach, Florida 33409</b>	(3) Role <b>Sub-consultant - Subsurface Utility Locates</b>
c.	(1) FIRM NAME <b>Tierra South Florida, Inc.</b>	(2) FIRM LOCATION (City and State) <b>2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411</b>	(3) Role <b>Sub-consultant - Geotechnical Engineering</b>
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER <b>20</b>	
21. TITLE AND LOCATION (CITY AND STATE) Hollywood Seminole Reservation Stormwater Data Collection/GIS, Hollywood, Florida	22. YEAR COMPLETED PROFESSIONAL SERVICES <b>2020 - 2021</b> (Data Collection)	CONSTRUCTION (If applicable) <b>Not Applicable</b>	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER Seminole Tribe of Florida	b. POINT OF CONTACT NAME Mr. Ray Sciortino, P.E. Jacobs Stormwater Program Manager	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (561) 352-1662 Email: <a href="mailto:raymond.sciortino@jacobs.com">raymond.sciortino@jacobs.com</a>	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			
<p>The Hollywood Seminole Reservation is generally bounded by Stirling Road on the north and by Sheridan Street on the south and includes the Hard Rock Hotel and Casino which is located north of Stirling Road. The east and west boundaries are formed by existing residential neighborhoods in the City of Hollywood. Craven Thompson updated the Tribe's stormwater GIS information through entering as-built data, and surveying the hundreds of stormwater/drainage structures located on the reservation</p> <p>Craven Thompson acquired accurate horizontal and vertical information on every stormwater/drainage feature on the Tribe's Hollywood Reservation. We reviewed existing storm sewer surveys and as-builts that could assist with GIS location and with this information our survey crew measured each structure to get accurate horizontal and vertical information for the Tribe's GIS system. During the data collection phase, the GPS locations of structures, canals, retention areas and ditches were captured with X-Y-Z coordinate values in the data collector. In addition, details such as pipe sizes, material, inverts, weirs, age, and structure condition were obtained in the field.</p> <p>We modified the Tribes' GIS database to include new relevant information and to include all information from the data collection efforts and condition assessment.</p>			
			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Prime – G.I.S/Surveying & Mapping
b.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION (City and State) 2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411	(3) Role Sub-consultant - Geotechnical Engineering
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role





. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER <b>21</b>
1. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
Broward County Convention Center Expansion & Hotel Fort Lauderdale, Florida	PROFESSIONAL SERVICES 2017 - 2025	CONSTRUCTION (If applicable) Estimated 2025
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Stantec Architecture	b. POINT OF CONTACT NAME Mr. Carl Stegerwald Vice President	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (305) 482-8700 Email: <a href="mailto:carl.stegerwald@stantec.com">carl.stegerwald@stantec.com</a>

## 24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The expansion to the existing Convention Center includes an additional 525,000 square feet of convention space, an 800-key Hotel, 25,000 square feet of restaurants, and an interactive waterfront plaza within a 37-acre parcel. As a design-build project for the County, located within Fort Lauderdale, adjacent to Port Everglades, along FDOT right-of-way and the intracoastal, multiple stakeholder concerns and requirements needed to be addressed.

As an integral part of the design team, our involvement spanned from development of the Concept Master Plan to Construction Engineering & Inspections. As a full-service firm, Craven Thompson and Associates provided Survey, Site Plan preparation/processing, Civil Engineering, permitting, and construction phase services. Our extent of experience, knowledge, and established relationships with the various stakeholders and AHJ's was a substantial benefit to project development.



The long-term construction period required phasing of design to minimize disruption to Convention Center and Port activities. Coordination with various Port/County improvement projects and adaptation to ever-evolving concepts required diligent project management and foresight.

The long-term construction period required phasing of design to minimize disruption to Convention Center and Port activities. Coordination with various Port/County improvement projects and adaptation to ever-evolving concepts required diligent project management and foresight.

Estimated Construction Cost: \$1 Billion

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Sub-consultant – Surveying, civil design, permitting, construction services
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b>  <b>22</b>				
<b>21. TITLE AND LOCATION (CITY AND STATE)</b>  Fire Station 13 Fort Lauderdale, Florida		<b>22. YEAR COMPLETED</b>  <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2020 - Present</td> <td>To Be Determined</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2020 - Present	To Be Determined
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2020 - Present	To Be Determined					
<b>23. PROJECT OWNER'S INFORMATION</b>						
<b>a. PROJECT OWNER</b> ACAI Associates / Fort Lauderdale Fire Rescue Department	<b>b. POINT OF CONTACT NAME</b> Mr. Adolfo Cotilla, AIA President, ACAI Associates	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> Phone: (954) 484-4000 Email: <a href="mailto:adolfo@aecmworld.com">adolfo@aecmworld.com</a>				

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)**

Craven Thompson is providing Civil Engineering, Planning, and Landscape Architecture Services for the new Fire Station No. 13 in the City of Fort Lauderdale located at 2871 East Sunrise Boulevard. The new fire station will replace the existing fire station on the same site. The proposed station will be approximately 10,000-12,000 square feet with three bays housing twelve fire fighters. The new facility is anticipated to be three stories.


**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Sub-consultant – Surveying, Landscape Architecture, Civil Engineering
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>23</b>
<b>21. TITLE AND LOCATION (CITY AND STATE)</b> City of Plantation Landscape Plan Review Services Plantation, Florida		<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES 2022 - Present CONSTRUCTION (If applicable) Not Applicable
<b>23. PROJECT OWNER'S INFORMATION</b>		
<b>a. PROJECT OWNER</b> City of Plantation	<b>b. POINT OF CONTACT NAME</b> Mr. Danny Holmes, AICP Planning, Zoning, & Economic Development Director	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> Phone: (954) 513-3509 Email: <a href="mailto:dholmes@plantation.org">dholmes@plantation.org</a>

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)**

Craven Thompson & Associates provides landscape consulting services in regards to Landscape plan reviews for the City of Plantation. The services provided include full DRC reviews, Administrative Approval reviews, Tree Removal/ Relocation reviews, and other additional landscape matters as they pertain to City landscape codes.


**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Prime - Landscape Architectural Plan Review Services
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role





<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>24</b>
<b>21. TITLE AND LOCATION (CITY AND STATE)</b> SW 36 <sup>th</sup> Street Improvements Davie, Florida		<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES: 2015 CONSTRUCTION (If applicable): 2019
<b>23. PROJECT OWNER'S INFORMATION</b>		
a. PROJECT OWNER Nova Southeastern University/ Town of Davie	b. POINT OF CONTACT NAME Mr. Randall Seneff Executive Director, Design & Construction	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 262-8805 Email: <a href="mailto:rseneff@nova.edu">rseneff@nova.edu</a>
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT</b> <i>(Include scope, size, and cost)</i>		

The project consisted of roadway, roadway drainage, utility and landscape/hardscape improvements to SW 36<sup>th</sup> Street in Davie, Florida. The existing roadway section was approximately 22' wide and was expanded to 25' wide. SW 36<sup>th</sup> Street was designed as a two (2) lane divided boulevard from College Avenue to SW 76<sup>th</sup> Avenue within a 75-foot public right-of-way width. The roadway was raised in order to comply with SFWMD criteria. The improvements included roadway design and reconstruction, stormwater/drainage piping and structures, water distribution mains, coordination with franchise utilities, landscaping, pavers, pavement, sidewalks, fences and other miscellaneous items. Craven Thompson & Associates provided Civil Engineering, Landscape Architecture, Construction Engineering Inspection, and miscellaneous Survey services for the project.

Construction Cost: \$4,876,483.00

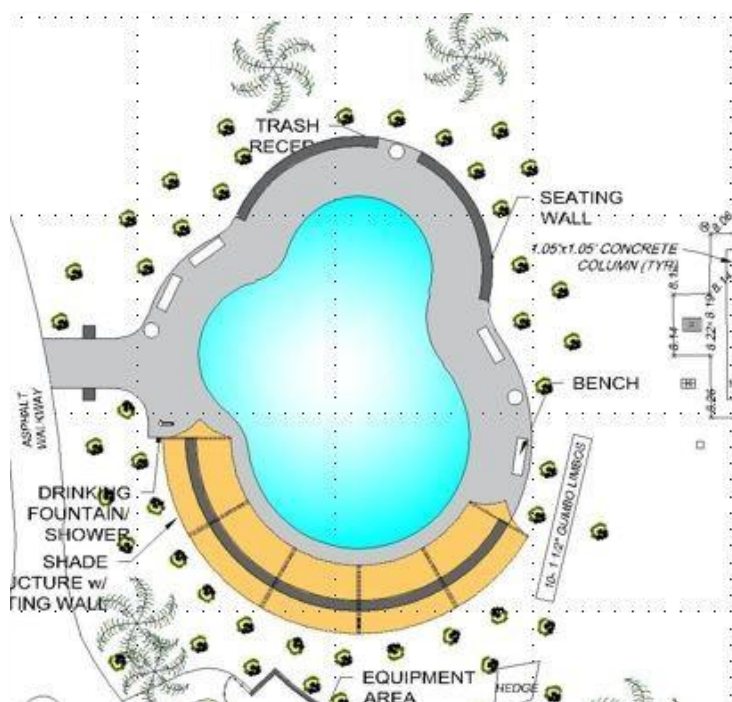


25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309
b.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION <i>(City and State)</i> 1100 N. Florida Mango Rd., #D West Palm Beach, Florida 33409
c.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411
		(3) Role Prime - Surveying, Roadway Design, Drainage Design, Utility, Landscape / Hardscape, Design, Permitting, and CEI Services
		(3) Role Sub-consultant - Subsurface Utility Locates
		(3) Role Sub-consultant - Geotechnical Engineering



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>25</b>
<b>21. TITLE AND LOCATION (CITY AND STATE)</b> Vista View Splash Pad Broward County, Florida	<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable) 2019
<b>23. PROJECT OWNER'S INFORMATION</b>		
a. PROJECT OWNER Thompson & Associates	b. POINT OF CONTACT NAME Mr. James Thompson, P.E. President	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 761-1073 Email: <a href="mailto:james@thompson-inc.com">james@thompson-inc.com</a>
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT</b> <i>(Include scope, size, and cost)</i>		

Craven Thompson & Associates, Inc. provided surveying and professional consulting landscape architectural services for the design of a splash pad at Vista View Park. Craven Thompson was a sub-consultant to Thompson & Associates, Inc. under a contract with Broward County Parks and Recreation.



9

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Sub-consultant –Surveying and Landscape Architectural Services
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>26</b>
<b>21. TITLE AND LOCATION (CITY AND STATE)</b> SW 30 <sup>th</sup> Street Roadway Improvements Davie, Florida		<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES 2022 - 2023 CONSTRUCTION (If applicable) 2024
<b>23. PROJECT OWNER'S INFORMATION</b>		
<b>a. PROJECT OWNER</b> Town of Davie	<b>b. POINT OF CONTACT NAME</b> Mr. Jonathan Vogt, P.E. Town Engineer	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> Phone: (561) 797-1137 Email: <a href="mailto:jonathan_vogt@davie-fl.gov">jonathan_vogt@davie-fl.gov</a>

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*

The project consists of the reconstruction of SW 30<sup>th</sup> Street, from SW 75<sup>th</sup> Avenue to west side of College Avenue. The roadway is being designed to keep three lane width for the length of approximately 2,550 linear feet. The proposed typical section is urban and consists of 33' to 36' of roadway, 4.0' bike lanes, 5.0' sidewalks, 2.0' curb and gutter with a landscape strip ( $\pm$  4' to 6') if the Right of Way warrants. The project includes modifications / upgrades to the existing drainage, pavement marking, lighting upgrades and relocations, landscaping, irrigation, installation of bike lanes and sidewalk and other miscellaneous improvements.

Craven Thompson & Associates performed surveying, subsurface locates, civil design and permitting, landscape architecture, and are preparing construction documents.


**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Prime - Surveying, Stormwater Modeling, Drainage Design, Landscape Design, Water and Sewer Design, Permitting, and CEI Services
b.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411	(3) Role Sub-consultant - Geotechnical Engineering
c.	(1) FIRM NAME Quantum Electrical Engineering	(2) FIRM LOCATION <i>(City and State)</i> 2755 Vista Parkway, Suite I-9 West Palm Beach, Florida 33411	(3) Role Sub-consultant - Electrical Engineering
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>27</b>
<b>21. TITLE AND LOCATION (CITY AND STATE)</b> River Oaks Neighborhood Drainage Improvements Fort Lauderdale, Florida		<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES 2016 - 2018 CONSTRUCTION (If applicable) 2022 - 2023
<b>23. PROJECT OWNER'S INFORMATION</b>		
<b>a. PROJECT OWNER</b> City of Fort Lauderdale	<b>b. POINT OF CONTACT NAME</b> Mr. Rares Petrica, MBA, P.E. Senior Project Manager	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> Phone: (954) 828-6720 Email: <a href="mailto:RPetrica@fortlauderdale.gov">RPetrica@fortlauderdale.gov</a>
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT</b> <i>(Include scope, size, and cost)</i>		

The River Oaks neighborhood is located east of I-95 and South Fork New River and is bounded by State Road 84 to the south, Davie Road to the north, and SW 9<sup>th</sup> Avenue to the east. The neighborhood occupies a total area of approximately 518-acres.

A major objective was to collect the runoff from the low areas. Selective pipe upsizing, pipe interconnections, the installation of permeable pavement and exfiltration trench was used to reduce road flooding in the residential areas. The improvements reduced flood stages and time of inundation above road crowns for a 10 year-24-hour design storm event and to protect against structural flooding in a 100 year-72-hour storm event. Craven Thompson developed construction documents (design, permitting, and CEI services) for the neighborhood. Our design included new piping & structures (conveyance system), exfiltration trench, sea level rise – backflow prevention and seawall height. In addition, we designed nutrient separating baffle boxes (NSBB), and STORMCEPTOR water quality structures.

#### Improvements included

- 12,677 linear feet of swale re-grading
- 5,346 linear feet of storm pipe removal
- Removal of 251 storm drainage structures
- Installation of 90 linear feet of 15" diameter storm sewer
- 4,374 linear feet of 18" diameter storm sewer
- 4,675 linear feet of 24" diameter storm sewer
- 1,771 linear feet of 36" diameter storm sewer
- 145 linear feet of 48" diameter storm sewer
- 3,129 linear feet of 66" diameter storm sewer
- 1,056 linear feet of 72" diameter storm sewer
- 2,640 linear feet of 24" diameter exfiltration trench
- installation of 236 new drainage structures
- Two STORMCEPTOR water quality structures
- One TIDEFLEX backflow prevention valve
- 4,219 linear feet of sidewalk



The project also included one small duplex stormwater pump station, and one large stormwater pump station.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Sub-consultant – Stormwater Management, Storm System Design, Permitting, Survey, GIS, and Stormwater Modeling
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>28</b>
<b>21. TITLE AND LOCATION (CITY AND STATE)</b> <b>Easterlin Park Playground &amp; Campsites D1 Through D10 Survey, Broward County, Florida</b>	<b>22. YEAR COMPLETED</b> <b>PROFESSIONAL SERVICES</b> <b>2018</b>	<b>CONSTRUCTION (If applicable)</b> <b>2019</b>
<b>23. PROJECT OWNER'S INFORMATION</b>		
<b>a. PROJECT OWNER</b> <b>Thompson &amp; Associates, Inc.</b>	<b>b. POINT OF CONTACT NAME</b> <b>Mr. James Thompson, P.E. President</b>	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> <b>Phone: (954) 761-1073</b> <b>Email: <a href="mailto:james@thompson-inc.com">james@thompson-inc.com</a></b>

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)**


Craven Thompson & Associates provided surveying services for the Easterlin Park Playground and Campsites. Craven Thompson was a sub-consultant to Thompson & Associates, Inc. under a contract with Broward County Parks and Recreation.

Craven Thompson prepared a topographic survey of the playground area of Easterlin Park, and a topographic survey of a portion of Easterlin Park, that included Campsites D1 through D10, and the associated roadway serving the campsites. The limits included the existing vegetation lines along the road, and at the campsites.


**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Sub-consultant – Surveying Services
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role



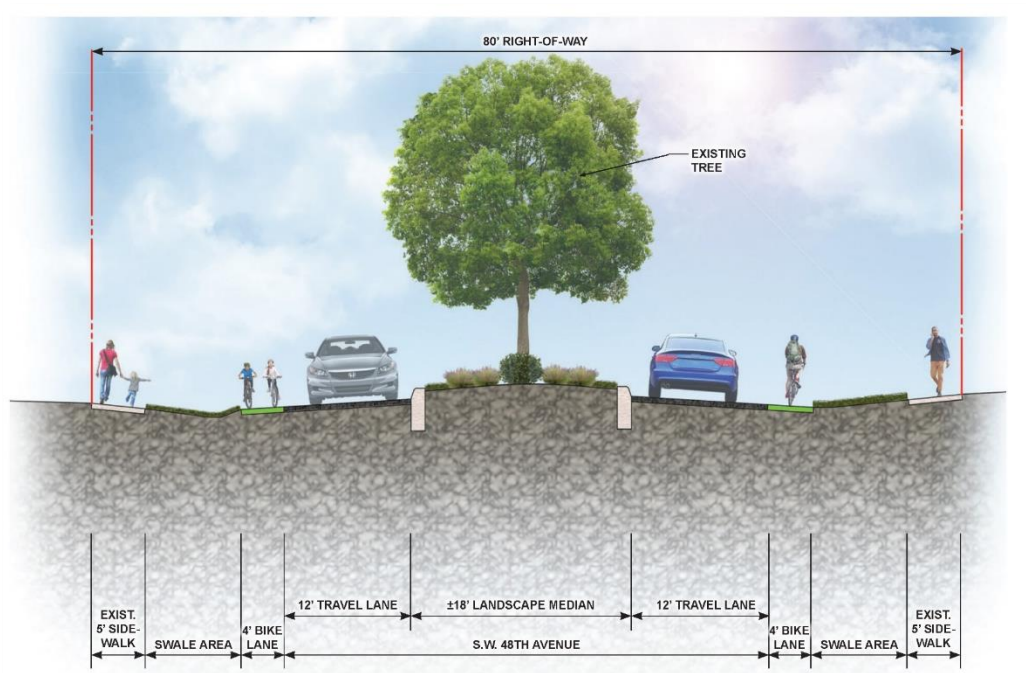
F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER <b>29</b>
21. TITLE AND LOCATION (CITY AND STATE) Stunson Nature Trail Oakland Park, Florida		22. YEAR COMPLETED PROFESSIONAL SERVICES 2016 - 2019 CONSTRUCTION (If applicable) 2019
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Oakland Park	b. POINT OF CONTACT NAME Ms. Lori Douvris Project Manager	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 630-4479 Email: <a href="mailto:lori.douvris@oaklandparkfl.gov">lori.douvris@oaklandparkfl.gov</a>
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost) The City of Oakland Park recently converted an underutilized piece of land used primarily for the storage of stormwater runoff into a park demonstrating the region's various ecological zones with the use of plant selection and educational signage. The site continues to support stormwater runoff, but now connects a string of County and City parks, further providing open space and natural habitats for the community. Stunson Nature Trail is located in the Royal Palm Acres Neighborhood in the City of Oakland Park.		
<p>Park improvements included:</p> <ul style="list-style-type: none"> <li>Created an educational experience along a walking trail that emphasizes the primary environmental zones</li> <li>Enhanced wetland area</li> <li>New landscaping and irrigation</li> <li>Creation of earthen berms</li> <li>Decorative fence with landscape buffer along NE 38th St.</li> </ul> <p>Craven Thompson provided Surveying, Civil Engineering, Landscape Architectural services. Construction Cost: \$474,184.00</p>		
 		
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) Role Prime - Landscape Architecture, Grading, Civil Design, Permitting, Construction Services

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>30</b>
<b>21. TITLE AND LOCATION (CITY AND STATE)</b> <b>SW 48<sup>th</sup> Avenue Complete Streets Project</b> <b>West Park, Florida</b>	<b>22. YEAR COMPLETED</b> <b>PROFESSIONAL SERVICES</b> <b>2022 - 2023</b>	<b>CONSTRUCTION (If applicable)</b> <b>Estimated 2024</b>

<b>23. PROJECT OWNER'S INFORMATION</b>		
<b>a. PROJECT OWNER</b> <b>City of West Park</b>	<b>b. POINT OF CONTACT NAME</b> <b>Mr. Gregory Perry, P.E</b> <b>City Engineer</b>	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> <b>Phone: (954) 350-2705</b> <b>Email: <a href="mailto:GPerry@cityofwestpark.org">GPerry@cityofwestpark.org</a></b>

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*

The project involves improvements along SW 48<sup>th</sup> Avenue, from Countyline Road to Pembroke Road by incorporating a complete streets design methodology. The broad objectives of a complete street design is to facilitate modes of transportation that is not centered on vehicular traffic only. The improvements for SW 48<sup>th</sup> Street include facilitating safe bike lanes and shared lanes that will allow all users of the street equal safe access to the right-of-way. This will require improvements to the asphalt paving (milling & resurfacing), sidewalks with ADA ramps, bicycle lanes, limited drainage improvements, traffic calming, landscaping and the addition of crosswalks and other complete street elements, such as textured pavement for visibility and driver awareness, pavers\*, shared lane markings (sharrows), signage, and drainage modifications. The governing standard for the construction plans is the 2021 Florida Green Book.

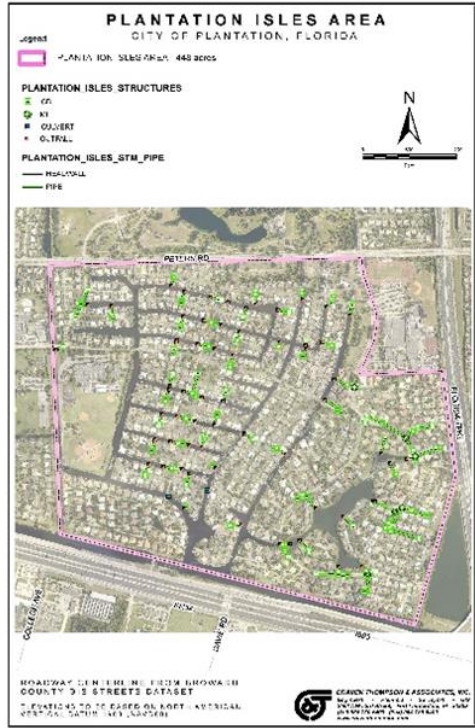


**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

<b>a.</b>	<b>(1) FIRM NAME</b> <b>Craven Thompson &amp; Associates, Inc.</b>	<b>(2) FIRM LOCATION (City and State)</b> <b>3563 NW 53<sup>rd</sup> Street</b> <b>Fort Lauderdale, Florida 33309</b>	<b>(3) Role</b> <b>Prime – Civil Engineering, Basis of Design Review, Landscape Architecture, Complete Streets, Permitting</b>
<b>b.</b>	<b>(1) FIRM NAME</b> <b>InfraMap Corp.</b>	<b>(2) FIRM LOCATION (City and State)</b> <b>1100 N. Florida Mango Rd., Suite D</b> <b>West Palm Beach, Florida 33409</b>	<b>(3) Role</b> <b>Sub-consultant - Subsurface Utility Locates</b>
<b>c.</b>	<b>(1) FIRM NAME</b>	<b>(2) FIRM LOCATION (City and State)</b>	<b>(3) Role</b>





F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER <b>31</b>	
21. TITLE AND LOCATION (CITY AND STATE)		22. YEAR COMPLETED	
Plantation Isles Neighborhood Drainage Improvements, Plantation, Florida		PROFESSIONAL SERVICES 2017-2019 CONSTRUCTION (If applicable) 2020 - 2021	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER City of Plantation	b. POINT OF CONTACT NAME Mr. Joseph DeGirolmo Engineer 1	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 797-2277 Email: <a href="mailto:jdegirolmo@plantation.org">jdegirolmo@plantation.org</a>	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			
<p>Craven Thompson provided surveying, analysis, assessment for repair/replacement of existing storm water management systems, preparation of construction documents and permitting, bidding assistance, and construction services for the Plantation Isles Neighborhood. The neighborhood is 448 acres in size and is bounded the Peters Road to the north, the Florida Turnpike to the east, Royal Palm Estates to the west, and I-595 to the south.</p> <p>Improvements include:</p> <ul style="list-style-type: none"> <li>3,150 LF of swale re-grading,</li> <li>5,359 LF of storm sewer removal,</li> <li>removal of 161 storm drainage structures,</li> <li>the installation of 2,217 LF of 15" diameter storm sewer,</li> <li>471 LF of 18" diameter storm sewer,</li> <li>429 LF of 24" diameter storm sewer,</li> <li>576 LF of 30" diameter storm sewer,</li> <li>828 LF of 36" diameter storm sewer,</li> <li>321 LF of 42" diameter storm sewer,</li> <li>101 LF of 48" diameter storm sewer,</li> <li>116 LF of 72" diameter storm sewer.</li> <li>removal and replacement of 5 outfalls,</li> <li>installation of 160 - 30" diameter ADS drainage structures.</li> </ul> <p>The project also included C.I.P.P. lining of:</p> <ul style="list-style-type: none"> <li>1,213 LF of 12" diameter storm sewer,</li> <li>3,488 LF of 15" diameter storm sewer,</li> <li>1,839 LF of 18" diameter storm sewer,</li> <li>487 LF of 21" diameter storm sewer,</li> <li>1,540 LF of 24" diameter storm sewer,</li> <li>244 LF of 30" diameter storm sewer,</li> <li>482 LF of 42" diameter storm sewer,</li> <li>pipe bursting consisting of: <ul style="list-style-type: none"> <li>93 LF of 12" diameter pipe with 15" pipe,</li> <li>56 LF of 15" diameter pipe with 18" pipe,</li> <li>166 LF of 21" diameter pipe with 24" pipe.</li> </ul> </li> <li>Restoration of the disturbed right-of-way areas was also included.</li> </ul>			
			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Prime - Surveying, Stormwater Asset Assessment, Stormwater Modeling, Design, Construction Plans, Bid Assistance, Permitting, and CEI Services
b.	(1) FIRM NAME InfraMap Corp	(2) FIRM LOCATION (City and State) 1100 N. Florida Mango Rd., Suite D West Palm Beach, Florida 33409	(3) Role Sub-consultant - Sub-Surface Utility Locates
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>32</b>
<b>21. TITLE AND LOCATION (CITY AND STATE)</b> Nova Southeastern University Mailman Segal Center Playground, Davie, Florida		<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES 2017 - 2019 CONSTRUCTION (If applicable) 2019
<b>23. PROJECT OWNER'S INFORMATION</b>		
<b>a. PROJECT OWNER</b> Nova Southeastern University	<b>b. POINT OF CONTACT NAME</b> Mr. Randall Seneff, Executive Director – Design & Construction	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> Phone: (954) 262-8805 Email: <a href="mailto:rseneff@nova.edu">rseneff@nova.edu</a>
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT</b> <i>(Include scope, size, and cost)</i>		

Craven Thompson & Associates prepared a concept for the Mailman Segal Center which is a preschool and early development center. The playground design is based on an open play theme with a focus on nature and organic materials. Without prescribed play/climbing equipment the series of activities revolve around a weaving path, interactive stream bed, and artistic natural play. The site design combines existing and proposed plants with an open concept that allows for the movement and change of activities to meet the needs of the school. Gardening, nature, and imaginative activity was the primary theme of this playground design.

Construction Cost: \$357,252.00



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Prime - Landscape Architecture, Permitting, Surveying, Construction Services
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>33</b>
<b>21. TITLE AND LOCATION (CITY AND STATE)</b> Pump Station A-13 & Sewer Redirection East of Federal Highway, Fort Lauderdale, Florida		<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES: 2015 CONSTRUCTION (If applicable): 2019
<b>23. PROJECT OWNER'S INFORMATION</b>		
<b>a. PROJECT OWNER</b> City of Fort Lauderdale	<b>b. POINT OF CONTACT NAME</b> Mr. Jorge Holguin Senior Project Manager	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> Phone: (954) 828-5675 Email: <a href="mailto:JHolguin@fortlauderdale.gov">JHolguin@fortlauderdale.gov</a>

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)**

This project was for the construction of Tri-Plex Pump Station A-13, located at the southeast corner of Southeast 2<sup>nd</sup> Court and Southeast 8<sup>th</sup> Avenue. The project scope included the construction of an 18-inch diameter gravity sanitary sewer system and the connection to an existing active sanitary sewer manhole located at the intersection of Federal Highway and Broward Boulevard to the new lift station. The project also included the construction of a submersible triplex sewage pump station and valve vault with electric control panels and appurtenances. The Pump Station included a "Living Wall," located on the north, west, and east sides of the pump station site; this requires the removal of two trees, shrubs, and the restoration of the existing irrigation system. The project also included construction of a 14-inch diameter force main, within the right-of-way of Southeast 2<sup>nd</sup> Court from the proposed



Pump Station to an existing 48-inch diameter force main at the intersection of Southeast 2<sup>nd</sup> Court and Southeast 9<sup>th</sup> Avenue. Services included survey, utility locates, geotechnical, electrical engineering for pump station, sanitary sewer design, permitting, bid documents and construction services.

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Prime- Surveying, Wastewater Modeling, Pump Station & Force Main Design, Landscape Architecture Permitting, and CEI Services
c.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION (City and State) 2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411	(3) Role Sub-consultant - Geotechnical Engineering
d.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION (City and State) 1100 N. Florida Mango Rd., #D West Palm Beach, FL 33409	(3) Role Sub-consultant - S.U.E. Services
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>34</b>
<b>21. TITLE AND LOCATION (CITY AND STATE)</b> Parkland Library Expansion Hollywood, Florida		<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES 2017-2019 CONSTRUCTION (If applicable) 2019 - 2020
<b>23. PROJECT OWNER'S INFORMATION</b>		
<b>a. PROJECT OWNER</b> Williamson Dacar Associates	<b>b. POINT OF CONTACT NAME</b> Mr. Tom Donaudy Director, South Florida Operations	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> Phone: (561) 609-4544 Email: <a href="mailto:Tdonaudy@Williamsondacar.biz">Tdonaudy@Williamsondacar.biz</a>

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*

The City's objective was to have design professionals design a functional and effective expansion to the existing City Library facility located at the Municipal Complex, 6620 University Drive, Parkland, Florida with a strong emphasis on efficient space utilization and effective site aesthetics. The size of the expansion 6,900 square feet, a separate space for children and families, a multi-purpose program area, and fit within the existing footprint owned by the City.

Craven Thompson provided professional Surveying, Landscape Architecture and Civil Engineering Services for the above referenced project.

Construction Cost: \$3.5 Million


**CITY OF PARKLAND LIBRARY EXPANSION**

6620 N UNIVERSITY DRIVE, PARKLAND, FLORIDA 33067


**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Subconsultant – Surveying, Civil Design, Landscape Architecture, Permitting, Bid Assistance, Construction Services
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>35</b>
<b>21. TITLE AND LOCATION (CITY AND STATE)</b> Miramar Parkway & Miramar Boulevard Median Enhancements, Miramar, Florida		<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES 2017 - 2019 CONSTRUCTION (If applicable) 2021
<b>23. PROJECT OWNER'S INFORMATION</b>		
<b>a. PROJECT OWNER</b> City of Miramar	<b>b. POINT OF CONTACT NAME</b> Mr. Salvador Zuniga, P.E. City Engineer	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> Phone: (954) 602-3323 Email: <a href="mailto:sezuniga@miramarfl.gov">sezuniga@miramarfl.gov</a>
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT</b> <i>(Include scope, size, and cost)</i>		

The project is along Miramar Parkway from the Florida Turnpike to Palm Avenue and along Miramar Boulevard from University Drive to Palm Avenue. The project included landscaping and hardscape for two main thoroughfares through the City of Miramar. The medians lack aesthetic appeal and require various beautification enhancements. This is Phase I of a multi-phased project. The project required permitting through the City and Broward County Construction and Highway Engineering Department. Craven Thompson & Associates is provided surveying and landscape architectural services


**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Prime – Median Beautification/ Landscape Architecture
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role





<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>36</b>
<b>21. TITLE AND LOCATION (CITY AND STATE)</b> Firefighters Park, Westend Park Drainage / Retention Area Davie, Florida		<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES 2011 - 2019 CONSTRUCTION (if applicable) 2019
<b>23. PROJECT OWNER'S INFORMATION</b>		
<b>a. PROJECT OWNER</b> Town of Davie CRA	<b>b. POINT OF CONTACT NAME</b> Ms. Cheryl Ellett CRA Program Manager	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> Phone: (305) 797-1232 Email: <a href="mailto:cheryl_ellott@davie-fl.gov">cheryl_ellott@davie-fl.gov</a>
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT</b> <i>(Include scope, size, and cost)</i>		



Craven Thompson completed the Westside Town Hall Drainage construction plans within the CRA, west of Davie Road and north of Orange Drive. The site is approximately thirty-four (33.79) acres and is bounded by SW 41<sup>st</sup> Court on the south, SW 67<sup>th</sup> Avenue on the west, SW 39<sup>th</sup> Street on the north, and Davie Road on the east. The Drainage Study incorporated a 5 acres parcel of Town owned land adjacent to the Central Broward Water Control District Canal, west of Town Hall as a passive park/retention area. This park is a small memorial firefighter park / playground. It is a passive park associated with the drainage that includes a small playground with rubber surfacing, a firefighters' cross paver medallion, and a memorial tree for a previous fire chief of the Town. There is also a pedestrian path that runs the length of the park with a future connection to a greenway system in the Town.

Craven Thompson provided landscape services for the Town of Davie CRA that included the implementation of a passive park/ retention area, playground area, parking lot, paved walkways, and landscape areas.

Construction Cost: \$295,000.00



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309
c.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411
d.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION <i>(City and State)</i> 1100 N. Florida Mango Rd., #D West Palm Beach, FL 33409
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>
		(3) Role



**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**(Present as many projects as requested by the agency, or 10 projects, if not specified.  
Complete one Section F for each project.)**20. EXAMPLE PROJECT KEY NUMBER****37****21. TITLE AND LOCATION (CITY AND STATE)****District 2 - Sample Road 12" Water Main Aerial Crossing**  
Lighthouse Point, Florida**22. YEAR COMPLETED**

PROFESSIONAL SERVICES

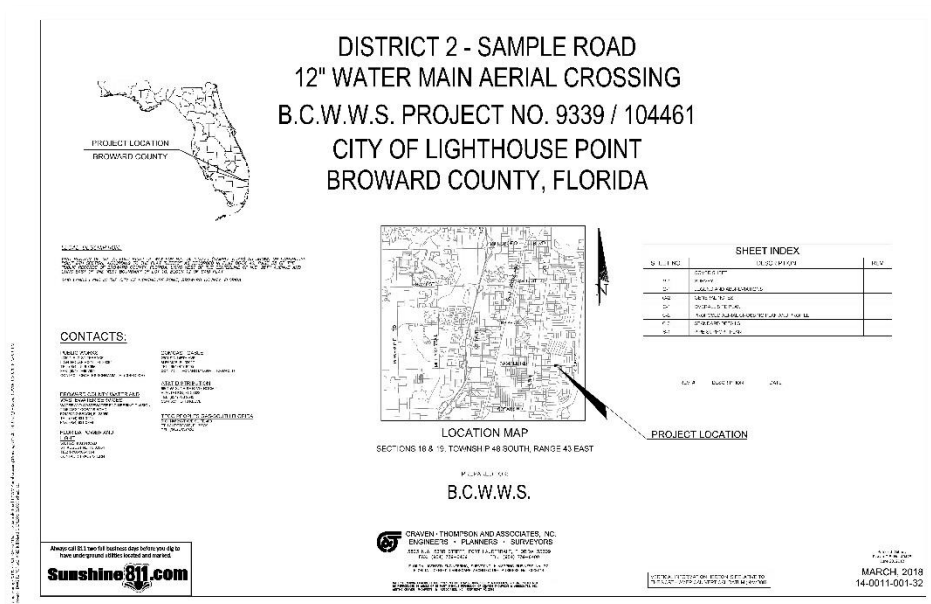
**2018**

CONSTRUCTION (If applicable)

**2019****23. PROJECT OWNER'S INFORMATION****a. PROJECT OWNER****Broward County Water & Wastewater Services****b. POINT OF CONTACT NAME****Ms. Luz Adriana Sanchez**  
Construction Project Manager**c. POINT OF CONTACT TELEPHONE NUMBER****Phone: (954) 831-0971****Email: [lusanchez@broward.org](mailto:lusanchez@broward.org)****24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)**

Craven Thompson & Associates, Inc. provided professional consulting services to County for design and regulatory permitting services for the Project Sample Road Aerial Crossing of the Captain Knight Bayou Canal as described below:

The project involved permitting and design of a new aerial water main canal crossing of the Captain Knight Bayou Canal on Sample Road in Lighthouse Point. Engineering Services included structural, environmental, permitting, landscape, geotechnical, geo-referenced roadway, utility and benthic survey services required for a new pile supported aerial water main crossing.

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Prime - Surveying, Water Design, Permitting, and CEI Services
b.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION (City and State) 2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411	(3) Role Sub-consultant - Geotechnical Engineering
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role



24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Construction Cost: \$649,104.00

[illegible]

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>39</b>
<b>21. TITLE AND LOCATION (CITY AND STATE)</b> El Dorado Neighborhood Drainage Improvements Plantation, Florida		<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES 2017-2019 CONSTRUCTION (If applicable) 2020
<b>23. PROJECT OWNER'S INFORMATION</b>		
a. PROJECT OWNER City of Plantation	b. POINT OF CONTACT NAME Mr. Joe DeGirolmo Engineer 1	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 797-2277 Email: <a href="mailto:jdegirolmo@plantation.org">jdegirolmo@plantation.org</a>

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)**

Craven Thompson provided surveying, analysis, assessment for repair/replacement of existing storm water management systems, preparation of construction documents and permitting, bidding assistance, and construction services for the El Dorado Neighborhood. The neighborhood is 123 acres in size and is bounded by the Plantation Golf Estates Neighborhood to the northeast, West Broward Boulevard to the north, South University Drive to the west, and the Royal Palm Estates neighborhood to the south.

Improvements include:

- 3,072 linear feet of swale re-grading,
- 1,963 linear feet of storm pipe removal,
- installation of 930 linear feet of 15" diameter storm sewer,
- 160 linear feet of 18" diameter storm sewer,
- 768 linear feet of 24" diameter storm sewer,
- 105 linear feet of 30" diameter storm sewer,
- installation of 48 - 30" diameter ADS drainage structures.

Restoration of the disturbed right-of-way areas was also included.


**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Prime – Surveying, Stormwater Asset Assessment, Stormwater Modeling, Design, Construction Plans, Bid Assistance, Permitting, and CEI Services
b.	(1) FIRM NAME InfraMap Corp	(2) FIRM LOCATION (City and State) 1100 N. Florida Mango Rd., Suite D West Palm Beach, Florida 33409	(3) Role Sub-consultant - Sub-Surface Utility Locates
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role



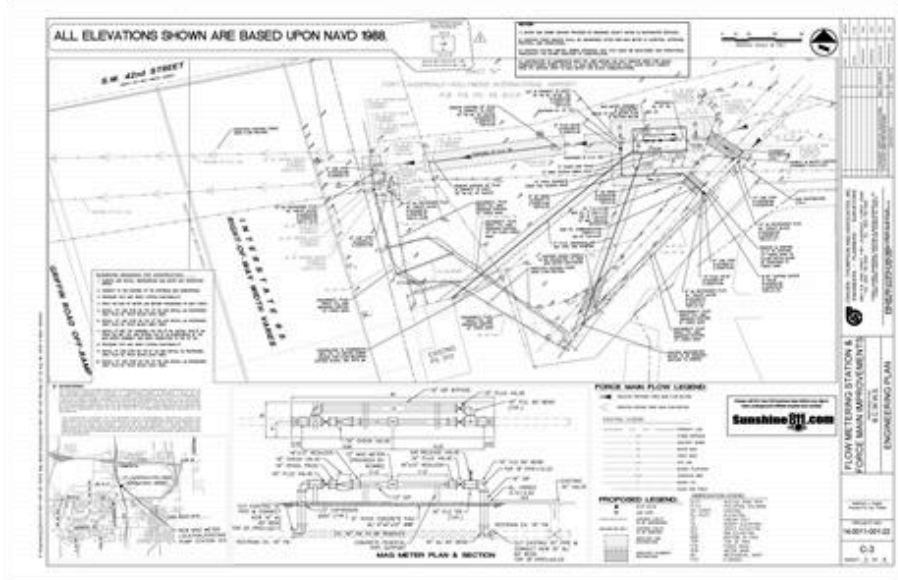
<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>40</b>
<b>21. TITLE AND LOCATION (CITY AND STATE)</b> PS 310 Mag Meter Broward County, Florida		<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES: 2017 CONSTRUCTION (If applicable): 2019
<b>23. PROJECT OWNER'S INFORMATION</b>		
a. PROJECT OWNER Broward County Water & Wastewater Services	b. POINT OF CONTACT NAME Mr. Mike Hagerty, P.E., LEED AP Engineering Unit Supervisor	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 831-3217 Email: <a href="mailto:mhagerty@broward.org">mhagerty@broward.org</a>

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)**

Craven Thompson & Associates, Inc. provided professional engineering services to County for design and construction services for the installation of a new Flow Metering Station and appurtenances for the 16", 12" and 8" Force Main as described below:

The existing 16" and 12" Force Mains serving the Fort Lauderdale-Hollywood International Airport required combined metering and an existing 8" Force Main had to be extended and connected to the 16" Force Main downstream of the proposed Flow Metering Station. Craven Thompson designed, permitted and provided construction services for a 16" Mag Meter. We also designed line stops and by-pass piping as necessary to pass existing flow during construction.

Construction Cost: \$257,064.00


**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 <sup>rd</sup> Street Fort Lauderdale, Florida 33309	(3) Role Prime - Surveying, Stormwater Computer Modeling, Drainage Design, Permitting, Bid Assistance & CEI Services
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role





G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS																																									
26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)																																							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Patrick J. Gibney, P.E.	Project / Contract Manager	X	X		X		X	X		X			X		X	X		X			X						X	X			X			X			X		X		X
Douglas R. Taylor, P.E.	Civil Engineer		X	X																X	X	X			X			X		X	X								X		
Glen Harrelson, P.E.	Civil Engineer																																								
Chad E. Edwards, P.E.	Civil Engineer						X					X				X			X			X		X		X				X	X				X						
Philip Joseph, P.E.	Civil Engineer				X					X					X	X						X																			
Scott Peavler, P.L.A.	Principal Landscape Architect	X	X		X	X		X			X	X		X					X	X			X	X	X					X	X		X	X	X	X	X		X		
Nicole Pastre, P.L.A.	Landscape Architect				X									X					X				X	X		X	X			X	X										
Richard D. Pryce, P.S.M.	Lead Surveyor			X		X	X	X	X			X	X		X	X		X		X	X	X						X	X			X		X	X			X	X	X	
Raymond Young, P.S.M.	Professional Surveyor	X					X	X				X	X		X	X	X	X		X		X	X		X		X			X			X					X	X		X
Davie Reyes	Senior GIS / Survey Technician			X	X		X	X		X		X	X		X		X		X	X	X	X						X				X		X	X					X	
Brian Tull	Construction Manager	X						X							X	X						X			X			X						X			X				

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Master Pump Station 224 Improvements Lighthouse Point, Florida	11	Bluesten Park Hallandale Beach, Florida	21	Broward County Convention Center Expansion Fort Lauderdale, Florida	31	Plantation Isles Neighborhood Drainage Improvements, Plantation, Florida
2	City of Miami Gardens Livable Neighborhood Improvement Project – Vista Verde Phases 1D, 2, and 3, Miami Gardens, Florida	12	Retail Wastewater Meter M-471 Rehabilitation - Powerline Road, Pompano Beach, Florida	22	Fire Station 13 Fort Lauderdale, Florida	32	Nova Southeastern University Mailman Segal Center Playground, Davie, Florida
3	Royal Palm Estates Neighborhood Drainage Improvements, Plantation, Florida	13	The Township Buffer Coconut Creek, Florida	23	City of Plantation Landscape Plan Review Services Plantation, Florida	33	Pump Station A-13 & Sewer Redirection East of Federal Highway, Fort Lauderdale, Florida
4	Hollywood HMGP Grant Emergency Generators for Lift Stations E-01, W-14, & W-15, Hollywood, Florida	14	Lift Station 50B3 Lauderdale Lakes, Florida	24	SW 36 <sup>th</sup> Street Improvements Davie, Florida	34	Parkland Library Expansion Hollywood, Florida
5	2 <sup>nd</sup> Street Traffic Circle and Sidewalk Improvements, Greenacres, Florida	15	Eastside Master Infrastructure Project – Phases 2 & 3, Davie, Florida	25	Vista View Splash Pad Broward County, Florida	35	Miramar Parkway & Miramar Boulevard Median Enhancements, Miramar, Florida
6	Central Broward Water Control District – District Engineer, Davie, Florida	16	Design/Build South Middle River Force Main Crossing - 16” Redundant Pipe, Fort Lauderdale, Florida	26	SW 30 <sup>th</sup> Street Roadway Improvements Davie, Florida	36	Firefighters Park, Westend Park Drainage / Retention Area, Davie, Florida
7	Utility Analysis Zone (UAZ) 122 Lauderdale Lakes, Florida	17	NE 14 <sup>th</sup> Avenue Streetscape Improvements Hallandale Beach, Florida	27	River Oaks Neighborhood Drainage Improvements Fort Lauderdale, Florida	37	District 2 - Sample Road 12” Water Main Aerial Crossing, Lighthouse Point, Florida
8	Broward County Parks & Recreation Boaters Park Parking - Surveying & LA Serv., Fort Lauderdale, FL	18	Sunrise Sportsplex Sunrise, Florida	28	Easterlin Park Playground & Campsites D1 Through D10 Survey, Broward County, Florida	38	Septic Tank Elimination (STEP) District 2, Area 2-G, Lighthouse Point, Florida
9	Master Triplex Lift Station W-14 Upgrade Hollywood, Florida	19	Miramar Historic Area Complete Streets Phase II Miramar, Florida	29	Stunson Nature Trail Oakland Park, Florida	39	El Dorado Neighborhood Drainage Improvements Plantation, Florida
10	City of Coconut Creek Landscape Plan Review Services, Coconut Creek, Florida	20	Hollywood Seminole Reservation Stormwater Data Collection/GIS, Hollywood, Florida	30	SW 48 <sup>th</sup> Avenue Complete Streets Project West Park, Florida	40	PS 310 Mag Meter Broward County, Florida



**SECTION H. ADDITIONAL INFORMATION**

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

Craven Thompson & Associates, Inc. has been an industry leader in the South Florida area since our inception in 1962. With our office located in South Florida, we have established a high-profile presence through the years with a reputation of excellent service to many varied clients, performing the full range of professional services. We have worked closely with many governmental agencies to provide services such as roadway design, landscape architecture, neighborhood improvements, water and wastewater design, GIS/Mapping, surveying, planning, storm water management, streetscape, roadway beautification and construction management.

Craven Thompson has been providing professional services to the Tri-County area since the formation of the firm. Craven Thompson has been involved in the design, permitting, surveying, contract administration and construction management of numerous infrastructure rehabilitation projects, redevelopment projects and Capital Improvement Projects, including roadway design, the replacement and upgrade of water and sewer lines, new infrastructure, sewage pump stations, storm water drainage projects, and waterway projects. Our experience includes the design and construction of parks, roadways with streetscape, roadway beautification, complete streets, traffic calming, all levels of stormwater management and drainage and municipal facilities. All of these projects included surveying, studies, modeling, cost estimating, design drawings, technical specifications and construction management for the replacement/rehabilitation of existing roadways and infrastructure and the construction of new drainage facilities, pavement and landscaping.

Craven Thompson presents many distinct and unique advantages which will assure timely and cost-effective completion of projects. These advantages include the following:

- An experienced team: Craven Thompson staff has extensive experience with various types of unusual and difficult projects.
- Full-service firm: Craven Thompson can provide all of the civil engineering, surveying landscape architecture, planning, GIS and construction support services needed in-house.
- Project management: Organization lines and responsibilities are clearly defined for each project, ensuring that the best qualified individual is matched to a particular assignment.
- Familiarity with South Florida agencies and engineering practices.
- Continuity: The Resources and staff available at Craven Thompson ensure responsive service and continuity throughout all phases of projects.

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

31. SIGNATURE

32. DATE

February 20, 2024

33. NAME AND TITLE

Patrick J. Gibney, P.E., Vice President, Engineering.




**1. SOLICITATION NUMBER (If any)**  
**RFQ # PSPW-23-20**

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

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS					
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)	a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH						
02	Administrative	9		A06	Airports; Term. & Hangars	1	O01	Office Bldgs.; Industrial Parks	2
12	Civil Engineers	21	3	B01	Barracks; Dormitories	1	P05	Planning (Comm., Regional)	1
15	Construction Inspectors	5		C06	Churches; Chapels	1	P13	Public Safety Facilities	2
16	Const. Management	2		C10	Commercial Bldg.; Shopping	4	R03	Railroad; Rapid Transit	1
38	Land Surveyor	22		C11	Community Facilities	1	R04	Rec. Fac. (Parks, Marinas)	4
39	Landscape Architect	5		D07	Dining Halls; Clubs; Rest.	1	R11	Rivers; Canals; Waterways	2
47	Planners; Urban/Regional	2		E02	Educational Fac.; Classrooms	3	S04	Sewage Collection, Treatment	6
				E09	Environmental Impact Studies	1	S07	Solid Wastes; Incin.; Landfill	2
				G01	Garages; Vehicle Maint. Fac.	1	S13	Storm Water Handling & Fac.	6
				H01	Harbors; Ship Terminal Fac.	2	U02	Urban Renewals; Comm. Dev.	6
				H07	Hwys.; Streets; Parking Lots	5	W01	Warehouses & Depots	1
				H09	Hospital & Medical Facilities	3	W03	Water Supply; Treatment	4
				H10	Hotels; Motels	3			
				H11	Housing (Residential, M-F)	5			
				I01	Industrial Buildings	3			
				J01	Judicial & Courtroom Fac.	2			
	Other Employees								
	Total	66	3						

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

		12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.	
a. SIGNATURE		b. DATE	
		February 20, 2024	
c. NAME AND TITLE			
Patrick J. Gibney, P.E., Vice President, Engineering			



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

12. NAME  <b>Natalia T. Lercari, PE</b>	13. ROLE IN THIS CONTRACT  Senior Traffic Engineer	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 22</td> <td>b. WITH CURRENT FIRM 20</td> </tr> </table>		a. TOTAL 22	b. WITH CURRENT FIRM 20
a. TOTAL 22	b. WITH CURRENT FIRM 20				
15. FIRM NAME AND LOCATION (City and State)  Bowman - West Palm Beach, FL					
16. EDUCATION (DEGREE AND SPECIALIZATION)  Bachelor of Science - Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)  FL - Professional Engineer			

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


Natalia T. Lercari, PE has transportation engineering experience in Florida since 2001. Her current project management duties focus on the day-to-day activities and task assignments for traffic operations, transportation planning, and safety continuing services contracts. She has conducted a wide range of traffic operations studies, parking studies, queuing analyses, Roadway Safety Audits and fatal crash reviews. She has prepared multi-modal master plans, Transportation Element updates for several cities, future forecasts for FDOT using travel demand modeling, TIS/DRI studies, and IJR. Natalia has been awarded by the Women's Transportation Seminar (WTS), South Florida Chapter, as Member of the Year, in 2014 & 2018.

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>General Traffic Engineering Consulting Services</b> <b>Miramar, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Traffic Engineering Task Leader: Natalia manages the tasks assigned to our firm by the City of Miramar, on back-to-back continuing contracts, since 2019. Tasks have included a corridor evaluation and complete streets study for Miramar Parkway, a safety evaluation for a local intersection, and frequent reviews of traffic studies for several applications. Natalia also performed short-term and long-term transportation evaluations for a historic neighborhood, which included recommendations and cost estimates, to mitigate traffic and speeding.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Transportation Consulting Continuing Services</b> <b>Tamarac, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Varies by task
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager: Natalia currently manages this contract with the City of Tamarac, our client since 2011. Services have included intersection/roadway capacity analysis, data collection, traffic calming, multi-modal transportation planning, and other requested studies. Natalia prepared two (2) bike lane feasibility studies, which included feasibility analysis to support bicycle lane implementation. Other tasks have included multiple signal designs, as well as the preparation of a neighborhood traffic circulation plan to convey frontage roads to one-way.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Transportation Planning and Traffic Engineering Services</b> <b>Fort Myers, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Varies by task
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Transportation Planning/Traffic Engineering Task Leader: Natalia oversees various tasks for this City of Fort Myers contract, our client since 2003. Tasks have included numerous study and plans reviews, study preparation, master plan studies, coordination with FDOT on behalf of the City, a citywide traffic calming plan, a downtown traffic control plan, and a citywide speed limit study. Other tasks on this contract have included signal design and roundabout design.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>Bicycle Master Plan</b> <b>West Palm Beach, FL</b>	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) Varies by task
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager: Natalia was responsible for the City of West Palm Beach Bicycle Master Plan. The Master Plan provided a guide to the City for bicycle corridors, ultimate bicycle facilities, and appropriate treatments to elevate the City to a desired destination that requires minimal motorized transportation. Efforts included extensive public outreach process and agency coordination. The strategy included a prioritized list of implementation projects, many of which were subsequently assigned to our firm for design and have since been installed.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>"PATH" Bicycle and Pedestrian Master Plan</b> <b>Bonita Springs, FL</b>	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) N/A
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager: Responsible for development of the City of Bonita Spring's first Bicycle and Pedestrian Master Plan. The planning process assessed the needs of the City regarding deficiencies in the network linkage and the Public's current needs that are not met by the existing facilities. The Master Plan provided a "toolbox" of facility types and amenities that can be used for the design of the identified project locations. Natalia coordinated the public outreach and public workshop efforts on behalf of the City.	<input checked="" type="checkbox"/> Check if project performed with current firm	



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i> <b>Districtwide Traffic Operations Safety Consultant Studies (Miami-Dade and Monroe Counties, FL)</b>		22. YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION <i>(If applicable)</i> N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER FDOT District Six	b. POINT OF CONTACT NAME Lee-Fang Chow, PE	c. POINT OF CONTACT TELEPHONE NUMBER 305.470.5212
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>  As a consultant on this task order-based, district-wide contract with the Florida Department of Transportation (FDOT) District Six, Bowman performs work and is responsible for managing subconsultant teams in the preparation and submittal of various types of traffic studies and assessments. Our team has held this contract for two (2) consecutive, 5-year terms since 2016.  Studies and assessments under this contract include: safety studies; qualitative assessments; signal warrant analyses; intersection analyses; arterial analyses; left-turn phase warrant analyses; supplemental tasks; and fatal crash reviews. Other responsibilities include preparing and overseeing the work associated with the arterial safety review, plotting data, performing specific analyses utilizing specific software, including modeling traffic demand, and developing several alternatives to solve each problem. In addition, task work orders also require the assessment of operational characteristics of intersections and/or segments of arterials, conducting daytime and evening field reviews, collecting data, lighting analysis, observations of the operation, assembling crash data, performing engineering analysis and associated benefit/cost analyses of various alternatives.  <div>Five-year contract value: \$1.5M</div>  		
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME Bowman	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach & Doral, FL
		(3) ROLE Prime Consultant

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i> <b>General Traffic Engineering Consulting Services (Miramar, FL)</b>		22. YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION <i>(If applicable)</i> N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Miramar	b. POINT OF CONTACT NAME Sal Zuniga, PE	c. POINT OF CONTACT TELEPHONE NUMBER 954.602.3323
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		
<p>Our firm has been providing traffic engineering, transportation engineering and planning services to the City of Miramar since 2018. Tasks have included:</p> <ul style="list-style-type: none"> <li>• <b>Traffic Study Review:</b> Our firm has served the City as the reviewer of traffic studies for several applications. Examples include reviews of a proposed Taco Bell and a proposed Cali Coffee, which included the evaluation of existing and future traffic operations at nearby intersections, driveway analysis, and drive-through queueing analysis.</li> <li>• <b>Miramar Parkway Corridor Evaluation:</b> Our team completed this evaluation and provided a report. The evaluation included a study for the Complete Streets redesign of Miramar Parkway. Our team assessed the right-of-way, physical property and access impacts of three (3) widening alternatives, provided photorealistic rendering for agency and public coordination, and coordinated with the Broward MPO regarding the City's preferred alternative.</li> <li>• <b>Bass Creek Road at Lakeside Drive Intersection Safety Evaluation:</b> Our team performed a study in response to citizen concerns regarding safety at the study intersection. Recommendations for improvement were presented to the City, and graphically depicted in CAD drawings and photorealistic rendering. Recommendations included roundabout control, a raised intersection with stamped asphalt/paver, a speed feedback sign with flashing beacon, speed pavement marking, and bicycle lanes &amp; sidewalk along Bass Creek Road.</li> <li>• <b>Historic Miramar Innovation and Technology Village Study:</b> Our team performed short-term and long-term transportation evaluations for the Historic Miramar Innovation and Technology Village. The City requested an evaluation of the current traffic operations and requested short-term solutions to mitigate cut-through traffic and speeding within the neighborhood located south of Miramar Parkway. Additionally, our team evaluated the impacts of the City's plan to redevelop several parcels located just south and just north of Miramar Parkway. The evaluation of the traffic impacts included long-term solutions to mitigate future traffic. We provided cost estimates for the recommended improvements, including roundabouts, new/refurbished pavement markings, speed tables, etc.</li> </ul> <p style="text-align: right;">Fees: \$71,000 to date</p>		
		
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME Bowman	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach & Doral, FL
		(3) ROLE Prime Consultant

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i> <b>Miscellaneous Professional Services - Roadway, Traffic and Transportation (Lauderhill, FL)</b>		22. YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION <i>(If applicable)</i> Varies by task
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Lauderdale	b. POINT OF CONTACT NAME Molly Hoswon	c. POINT OF CONTACT TELEPHONE NUMBER 954.730.3069
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		
<p>Our team has been serving the City of Lauderdale since 2000 on multiple consecutive contracts. Transportation engineering services have included preparing traffic studies for City facilities, reviewing traffic impact studies for land development applications, and review of access permit requests. A number of tasks have required the preparation of design plans and construction drawings for roadway improvements, such as intersection improvements and bus stop design. Transportation planning projects have required multi-modal considerations, in-depth analysis and recommendations. Signature projects have included:</p> <ul style="list-style-type: none"> <li>• <b>Northwest Neighborhood Multi-modal Master Plan:</b> Our firm recently prepared this Multi-modal Master Plan for the City. The project area was generally bounded by Commercial Boulevard to the north, Oakland Park Boulevard to the south, Rock Island Road to the east, and Pine Island Road to the west. Field review, existing and future conditions analysis, and public involvement were performed to inform the master plan. A project website was created that included a web-based survey and an interactive online map to engage the public. The community was also invited to participate in a virtual public workshop. The quantitative and qualitative assessment, as well as the public involvement, informed the roadways, intersections, and multi-modal improvements. <i>The City has subsequently assigned our firm to repeat these efforts to the remaining portions of the City for a City-wide Multi-modal Master Plan. The City-wide Multi-modal Master Plan is currently underway.</i></li> <li>• <b>Roadway Improvement Pavement Condition Survey:</b> Our design team recently completed a Pavement Condition Survey for the City, to analyze the existing conditions of apx. 114 miles of City streets, and to provide the City with resurfacing recommendations for the Capital Improvement Program. Our team utilized traditional techniques and an Artificial Intelligent (AI) application for the the data collection. The report ranked and prioritized maintenance needs.</li> <li>• <b>Design and Services During Construction NW 21st Street Corridor:</b> Our team is currently preparing construction plans and will prepare bidding documents for NW 21st Street, between NW 27th Avenue and NW 41st Avenue. Our firm conducted a traffic evaluation of the corridors in the project vicinity, known as Grids #2 and #5. The plans and technical specifications (currently underway) will provide for milling and resurfacing of 2,831 feet of roadway. We will also provide bid assistance to the City upon completion of the plans.</li> <li>• <b>Industrial Park Milling &amp; Resurfacing:</b> Our team provided construction plans and bidding documents for an area known as the Industrial Park, specifically for NW 16th Street and NW 15th Street. The plans and technical specifications provided for milling and resurfacing of 5,340 feet of roadway. Gino also provided bid assistance to the City, and the improvements have been constructed. Post-design services included attendance at pre-construction meetings, responding to contractor RFIs, field visits, shop drawing reviews and final certification.</li> <li>• <b>Roundabout Design Services:</b> Our team designed a total of six (6) roundabout locations in the City. Our team was responsible for providing roadway design, cross sections, S&amp;PM plans, summary of quantities, utility coordination, permitting with Broward County and contract documents. The projects included sidewalk construction, crosswalks, a school zone, landscaping, irrigation, and multiple speed humps. We also provided bidding assistance, inspection and construction services.</li> <li>• <b>Design Services for The Manors Inverrary Roadway:</b> Our team provided design services and construction documents for the main internal roadway of the Manors Club. Improvements included reconstruction of the project corridor, including improved pavement structure (base repair/reconstruction), resurfacing, curbs and median, lighting, landscaping/irrigation, S&amp;PM, addition of speed humps, and other traffic calming features. Substandard sidewalks were replaced and curb ramps were designed accoring to ADA requirements. Grading plans provided solutions for drainage issues evident from previous ponding. Our team carried the project through permitting and post-design.</li> </ul> <p style="text-align: right;">Cost varies by task; Approximately \$120,000 annually</p>		
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME Bowman	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach & Doral, FL
		(3) ROLE Prime Consultant

## ARCHITECT-ENGINEER QUALIFICATIONS

**Bowman**

1. SOLICITATION NUMBER (If any)


**PART II - GENERAL QUALIFICATIONS**

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

2a. FIRM (or Branch Office) NAME Bowman Consulting Group, Ltd. - West Palm Beach & Doral offices			3. YEAR ESTABLISHED 1995	4. UNIQUE ENTITY IDENTIFIER P98HKXYNA6M9
2b. STREET 2090 Palm Beach Lakes Boulevard, Suite 400			5. OWNERSHIP	
2c. CITY West Palm Beach	2d. STATE FL	2e. ZIP CODE 33409	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE R. Trent Ebersole, PE, Vice President			b. SMALL BUSINESS STATUS N/A	
6b. TELEPHONE NUMBER 561.840.8650			7. NAME OF FIRM (If Block 2a. is a Branch Office) Bowman Consulting Group Ltd.	
6c. EMAIL ADDRESS				
8a. FORMER FIRM NAME(S) (If any) McMahon Associates, Inc.			8b. YEAR ESTABLISHED 1976	8c. UNIQUE ENTITY IDENTIFIER MSW8KCR87LH5

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	418	1	A02	Aerial Photography: Airborne Data	3
08	CADD Technician	152	1	C10	Commercial Building	10
12	Civil Engineer	469	3	C15	Construction Management	6
15	Construction Inspector	27		E02	Educational Facilities; Classrooms	6
16	Construction Manager	4		E07	Energy Infrastructure	8
21	Electrical Engineer	27		E10	Environmental and Natural Resources	2
24	Environmental Scientist	24		H11	Housing/Group Homes	10
25	Fire Protection Engineer	20		L03	Landscape Architecture	2
27	Foundations/Geotechnical Engineer	0		M06	Mining & Mineralogy	6
29	GIS Specialist	9		P06	Planning (Site, Installation, and Project)	6
30	Geologist	8		S10	Surveying; Platting; Mapping; Flood Plain	8
32	Hydraulic Engineer	1		T03	Traffic & Transportation Engineering	9
38	Land Surveyor	67		U03	Utilities	8
39	Landscape Architect	34		W02	Water Resources; Hydrology	6
40	Materials Engineer	2				
42	Mechanical Engineer	32				
47	Planner: Urban/Regional	34	1			
48	Project Manager	76	2			
49	Remote Sensing Specialist	0				
57	Structural Engineer	11				
58	Technician/Analyst (Survey)	224	1			
60	Transportation Engineer	169	7			
62	Water Resources Engineer	12				
	Other Employees	98				
	<b>Total Employees</b>	<b>1917</b>	<b>16</b>			

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

 a. SIGNATURE R. Trent Ebersole, Vice President		<b>12. AUTHORIZED REPRESENTATIVE</b> <i>The foregoing is a statement of facts.</i>	b. DATE 2/9/2023
c. NAME AND TITLE			



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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
<b>Andres Mauricio Garcia</b>	<b>SUE Project Manager</b>	a. TOTAL 22	b. WITH CURRENT FIRM 21

15. FIRM NAME AND LOCATION *(City and State)*

InfraMap Corp., West Palm Beach, FL

16. EDUCATION *(Degree and Specialization)*Associates in Science, Palm Beach State College,  
Palm Beach, FL17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

ATSSA, Traffic Control Supervisor Certification


Confined Space Entry Training Program Certification (OSHA 1910.146)


FUCC Utility Coordination Discussion Seminar

CSX Roadway Worker Protection Annual Certification

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Southport Backbone 24" Force Main Port St. Lucie, Florida		2019	
<b>a.</b> (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Serving as SUE project manager, Mr. Garcia led the InfraMap field crews as they performed utility designating and air/vacuum utility test hole services for this project, which identified the need to reduce force main pressures on the existing 12" line and replace the line with a 24" force main. InfraMap crews targeted over 30,000 LF of utilities and excavated 50 air/vacuum utility test holes for this project.		<input checked="" type="checkbox"/> Check if project performed with current firm	
City of Fort Lauderdale 48 Inch Force Main Emergency Project Fort Lauderdale, Florida		2020	
<b>b.</b> (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE For this multiphase emergency project, Mr. Garcia served as the field project manager for the InfraMap team. InfraMap provided utility designating, and utility locating (test hole) service to the client for this project. A total of 89 utility test holes were excavated for the client, and final submittal of all deliverables were made on time and under budget.		<input checked="" type="checkbox"/> Check if project performed with current firm	
City of Hollywood Water Main Replacement Program Hollywood, Florida		2020	
<b>c.</b> (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Serving as SUE project manager, Mr. Garcia lead the InfraMap field crews to provide utility designating and utility test hole services for this project. Approximately 20,000 LF of utilities were located and 31 utility test holes were excavated, processed, and delivered to client using FDOT standards for this project. This project was completed on time and under budget.		<input checked="" type="checkbox"/> Check if project performed with current firm	
BCWWS District 3C (20-0011-001-01) SUE Services Pompano Beach, Florida		2021	
<b>d.</b> (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Serving as SUE project manager, Mr. Garcia led our team to perform utility designating and test hole services in the Pembroke Pines area of Broward County. The InfraMap team completed air/vacuum excavation on 125 test holes for this multiphased project, which was delivered to the client on time and under budget.		<input checked="" type="checkbox"/> Check if project performed with current firm	
FDOT District 6 District-Wide Utility Locating Services Contract District 6, Florida		2018	
<b>e.</b> (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Serving as SUE project manager, Mr. Garcia led the InfraMap team to perform utility designating, air/vacuum test holes, survey and EFB/CAiCE/MicroStation CADD services on highway projects in District 6 in support of the District's pre-design program.		<input checked="" type="checkbox"/> Check if project performed with current firm	

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>			<b>20. EXAMPLE PROJECT KEY NUMBER</b>  <b>1</b>				
<b>21. TITLE AND LOCATION (City and State)</b> Open-End District Contract for Subsurface Utility Designating and Locating Florida Department of Transportation - District 4		<b>22. YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if Applicable)</td> </tr> <tr> <td>On Call Through 2017</td> <td></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)	On Call Through 2017	
PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)						
On Call Through 2017							
<b>23. PROJECT OWNER'S INFORMATION</b>							
<b>a. PROJECT OWNER</b> Florida Department of Transportation District 4	<b>b. POINT OF CONTACT NAME</b> Mr. Jeff Smith	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (954) 777-4560					
<b>1. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>  Subsurface Utility Engineering Services and Utility Infrastructure Mapping Contract including: Utility Designating, Air/Vacuum Test Holes, Survey, and MicroStation CADD on Highway projects through the state of Florida in support of the FDOT's pre-design program through private consultants and in-house design program.  Contract Cost: \$1,500,000.00							
							
<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>							
a.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Prime				
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE				
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE				
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE				

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>			<b>20. EXAMPLE PROJECT KEY NUMBER</b>  <b>2</b>				
<b>21. TITLE AND LOCATION (City and State)</b> City of Fort Lauderdale Emergency Project 48" Force Main Test Hole & Survey Services		<b>22. YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if Applicable)</td> </tr> <tr> <td>2020</td> <td></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)	2020	
PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)						
2020							
<b>23. PROJECT OWNER'S INFORMATION</b>							
<b>a. PROJECT OWNER</b> Chen Moore and Associates	<b>b. POINT OF CONTACT NAME</b> Daniel Davila, P.E.	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (954) 730-0707					
<b>2. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>  InfraMap provided utility targeting, survey and test holes and survey for this emergency project in the city of Fort Lauderdale. InfraMap targeted 20,000 linear feet of utilities and performed air vacuum test holes with survey in 89 locations along the project route. Deliverables were provided to the client's specifications on time and in the requested format for this project.							
Contract Value: \$70,981.05							
							
<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>							
a.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Prime				
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE				
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE				
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE				

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)</i>			<b>20. EXAMPLE PROJECT KEY NUMBER</b>  <b>3</b>
<b>21. TITLE AND LOCATION (City and State)</b> Open-End District Contract for Subsurface Utility Designating and Locating Florida Department of Transportation - District 6		<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES On Call Through 2017	
<b>23. PROJECT OWNER'S INFORMATION</b>			
<b>a. PROJECT OWNER</b> Florida Department of Transportation District 4	<b>b. POINT OF CONTACT NAME</b> Mr. Jeff Smith	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (954) 777-4560	
<b>3. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>  Subsurface Utility Engineering Services and Utility Infrastructure Mapping Contract including: Utility Designating, Air/Vacuum Test Holes, Survey, and MicroStation CADD on Highway projects through the state of Florida in support of the FDOT's pre-design program through private consultants and in-house design program.  Contract Cost: \$3,000,000.00			
			
<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>			
a.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE



H. ADDITIONAL INFORMATION

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

InfraMap Corp. is one of the few remaining firms who specialize in the Subsurface Utility Engineering (SUE) and Utility Infrastructure Mapping industry exclusively, as opposed to a department or subgroup of an engineering/architectural firm. As a result, every InfraMap employee is trained and dedicated to the SUE industry.

For over thirty-three years, InfraMap has provided quality Subsurface Utility Engineering (SUE) and Utility Infrastructure Mapping services to State Transportation Departments and other government agencies for a wide range of projects including bridge replacements or rehabilitations, intersection improvements, roadway and highway widenings, drainage improvements, ADA projects, proposed signals, railroad crossings, and utility improvements. Some of these contracts are delivered in AutoCAD and others are in MicroStation and some of our consultants utilize their own software for deliverables.

We are experts in the execution of ASCE 38-02 Standard Guideline for the Collection and Depiction of Subsurface Utility Data, identification and depiction of utility systems and network, the geophysics of underground utility locating, and the management of utility data. We have the current staffing, experience, equipment, and other necessary resources to perform multiple small and large assignments for this contract immediately. InfraMap has been awarded multi-year Statewide SUE contracts for State Transportation Departments in Florida, New York, Delaware, Maryland, North Carolina, South Carolina, Georgia, Virginia, and Vermont, and have worked as a sub-consultant for NJDOT and at most PennDOT Districts. InfraMap has produced an impressive portfolio of achievements including more than 25,000 projects completed, more than 25 million feet of Quality Level B utility designating and survey, and over 125,000 Quality Level A air vacuum excavation test holes, which includes processing of survey into MicroStation and AutoCAD.

Thank you for your time and consideration in reviewing our firm for this project.

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE 	32. DATE 2/7/2024
33. NAME AND TITLE John Pope Midyette, Vice President – Business Development, InfraMap Corp.	

## 1. SOLICITATION NUMBER (If any)

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

8a. FORMER FIRM NAME(S) (If any)	8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER
Accurate Locating, Inc.	1987	718-715-6124

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

*The foregoing is a statement of facts.*

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<b>E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT</b> (Complete one Section E for each key person.)			
<b>12. NAME</b> Vincent Yarina, PG, CEM		<b>13. ROLE IN THIS CONTRACT</b> Principal/VP – Environmental Services	
		<b>14. YEARS EXPERIENCE</b>	
		<b>a. TOTAL</b> 32	<b>b. WITH CURRENT FIRM</b> 25
<b>15. FIRM NAME AND LOCATION (City and State):</b> Langan Engineering & Environmental Services, Inc., Fort Lauderdale, Florida			
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> M.Sc., Drexel University, Engineering Geology B.Sc., Earth Science, Pennsylvania State University		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> Registered Professional Geologist in Florida (No. 2077) and Pennsylvania (No. 3260-E) Certified Florida Environmental Assessor (No. 248) Licensed Environmental Professional (No. 73) Certified Environmental Manager in Nevada (No. 2104)	
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b>			
<b>19. RELEVANT PROJECTS</b>			
<b>a.</b>	<b>(1) TITLE AND LOCATION (City and State)</b> University of Miami SoLé Mia Hospital, North Miami, Florida		<b>(4) YEAR COMPLETED</b>
			<b>PROFESSIONAL SERVICES</b> Ongoing
			<b>CONSTRUCTION (if applicable)</b> N/A
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm. Principal/VP responsible for providing environmental consulting services for this project which encompasses approximately 10 acres and is located immediately south of the SoLé Mia retail area and abuts SoLé Mia Way. Phase I of the medical facility entails construction of 425,000 to 530,000 GSF with a structured parking at a ratio of 3 spaces per 1,000 SF. A central plant was to be constructed as part of Phase I and was to be designed with capacity for Phase II. Langan prepared site/civil engineering schematic plans to support the Client's Development Review Committee (DRC) submittal to the City of North Miami.			
<b>b.</b>	<b>(1) TITLE AND LOCATION (City and State)</b> Project Ignite, Miami, FL		<b>(3) YEAR COMPLETED</b>
			<b>PROFESSIONAL SERVICES</b> Ongoing
			<b>CONSTRUCTION (if applicable)</b> N/A
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm. Principal/VP responsible for overseeing environmental consulting services including a pre-demolition asbestos survey. The proposed development will consist of demolition of the existing structures and construction of a 12 to 17-story educational medical facility, which include labs, a library, an amphitheater, classrooms, offices and retail, etc. The building will also include a 2-level basement for parking. The site improvements will consist of an elevated pedestrian plaza east of the proposed medical building, and vehicular access from NW 14th Street.			
<b>c.</b>	<b>(1) TITLE AND LOCATION (City and State)</b> City of Oakland Park Public Works/City Park, Oakland Park, FL		<b>(3) YEAR COMPLETED</b>
			<b>PROFESSIONAL SERVICES</b> Ongoing
			<b>CONSTRUCTION (if applicable)</b> N/A
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm. Principal/VP. This project involved the assessment and remediation prior to the City's redevelopment of their current public works and maintenance facility into a park. The project includes bio-remediation of petroleum compounds near a UST area and off-site assessment of a PFAS plume associated with Fire Station No. 9 at the facility.			
<b>d.</b>	<b>(1) TITLE AND LOCATION (City and State)</b> City of Hollywood Police Headquarters, Hollywood, FL		<b>(3) YEAR COMPLETED</b>
			<b>PROFESSIONAL SERVICES</b> Ongoing
			<b>CONSTRUCTION (if applicable)</b> N/A
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm. Principal/VP. Langan is providing environmental services for the new Police Headquarters which will be approximately 110,000 to 120,000 SF in total size, with structured parking for approximately 350 to 450 vehicles and a high first floor bay for large vehicle storage. We performed Phase I and II ESAs, which included soil and groundwater sampling at the former golf course and driving as well as soil and groundwater sampling for petroleum parameters in the vicinity of USTs and an emergency generator.			
<b>e.</b>	<b>(1) TITLE AND LOCATION (City and State)</b> Homestead Intermodal Facility, Homestead, FL		<b>(2) YEAR COMPLETED</b>
			<b>PROFESSIONAL SERVICES</b> 2019
			<b>CONSTRUCTION (if applicable)</b> N/A
<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm. Principal/VP. Langan provided environmental assessment services for the multiparcel development of approximately 5 acres of land into a 150,000-SF commercial and transportation hub. Langan completed several Phase I ESAs and asbestos surveys as part of the phased property acquisition and provided soil and groundwater testing services, geotechnical investigations, and percolation tests to support the foundation and stormwater management system designs.			

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i> Homestead Intermodal Facility, Homestead, FL	22. YEAR COMPLETED PROFESSIONAL SERVICES 2019 CONSTRUCTION <i>(If applicable)</i>	

## 23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Homestead	b. POINT OF CONTACT NAME Julio Brea	c. POINT OF CONTACT TELEPHONE NUMBER 305.244.4400
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Langan provided due-diligence environmental assessment services for the multiparcel development of approximately 5 acres of land into a 150,000-SF commercial and transportation hub in the center of downtown Homestead. The proposed construction includes a movie theater, 30,000 SF of retail along Krome Avenue and West Mowry Drive, a library at the northwest corner, and a six-story parking garage in the center.

Langan completed several Phase I Environmental Site Assessment (ESAs) and asbestos surveys as part of the phased acquisition of property, provided soil and groundwater testing services, geotechnical investigations, and percolation tests to support the foundation and stormwater management system designs.

Langan's due diligence services revealed environmental liabilities that were addressed during the acquisition of the parcels and allowed for smooth construction permitting.

## 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Langan Engineering and Environmental Services, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Miami and Fort Lauderdale, FL	(3) ROLE Environmental Engineering
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED	
City of Hollywood New Police Headquarters, Hollywood, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER ODP	b. POINT OF CONTACT NAME Ed O'Donnell	c. POINT OF CONTACT TELEPHONE NUMBER 954.518.0833

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Langan is providing environmental, geotechnical, traffic, and surveying services for this project. The new Police Headquarters is proposed to be constructed south of the current Police Headquarters on what is now a driving range associated with the adjoining Orangebrook Golf Course.

The new Police Headquarters will be approximately 110,000 to 120,000 square feet in total size, with structured parking for approximately 350 to 450 vehicles and a high first floor bay for large vehicle storage. The facility will include all functions including training and gun range, property and evidence, quartermaster, patrol, holding cells, detective units, recruitment, administration and public information.

We performed a Phase I Environmental Site Assessment for the property, which identified the property was initially developed as the northwestern part of the Orangebrook Golf Course before 1940. By 1958, the property was converted into a driving range. Between 1973 and 1976, the current City of Hollywood Police Station was developed on the northern part of the property. Historical underground storage tank (UST) records show the current police station contained two, 10,000-gallon diesel USTs and fuel dispensers southwest of the police station, from which a discharge occurred on 8 December 1987. The discharge was issued a No Further Action (NFA) on 12 August 1993. Additionally, the police station had a 4,000- and 5,000-gallon diesel UST for the emergency generator on the east side of the police station and Langan identified a monitoring well on the driving range.

Langan was contracted to perform a Phase II ESA, which included soil and groundwater sampling in the former golf course and driving range for pesticide and herbicide use, as well as soil and groundwater sampling for petroleum parameters in the vicinity of the USTs and emergency generator. We are currently discussing the results of the Phase II ESA with the client and the City of Hollywood.

## 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Langan Engineering and Environmental Services, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Miami, FL	(3) ROLE Environmental Engineering
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i> Oakland Park Square, Oakland Park, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(If applicable)</i>

## 23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Goldstein Environmental Law Firm	b. POINT OF CONTACT NAME Michael Goldstein	c. POINT OF CONTACT TELEPHONE NUMBER 305.777.1680
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Langan was performed site assessment and remediation services for the City of Oakland Park in partnership with the city's environmental counsel, The Goldstein Environmental Law Firm, P.A., for the former Bennett Auto Supply distribution warehouse in Oakland Park, Florida. On 13 January 1989, groundwater data collected on the property on behalf of Bennett Auto Supply indicated a discharge had occurred. On 9 March 1990, the Florida Department of Environmental Protection (FDEP) deemed the discharge eligible for state-funded cleanup under the Early Detection Incentive (EDI) program. The FDEP assigned the discharge a priority ranking score of 10 and conducted no further assessment. In 1992, contaminated soil was discovered during the installation of utilities on the west side of North Dixie Highway, near Northeast 39th Street. Additionally, in 2008, during construction near the property, five underground storage tanks (USTs) and associated piping were identified on the northern property boundary near Northeast 39th Street. Subsequently, the City of Oakland Park purchased the property.

The property is slated for redevelopment as a mixed-use commercial and residential development, containing the new Oakland Park City Hall. Langan worked closely with The Goldstein Environmental Law Firm to designate the site a Brownfield and to assist the city with a Brownfield Site Rehabilitation Agreement. We established the appropriate site closure strategy in consultation of the project stakeholders, which included the city administration, city council, project developer and Broward County. During the assessment and remediation, we removed contaminated soil prior to reduce groundwater concentrations to levels that would allow a regulatory closure, and address concerns for potential vapor intrusion post-construction. Langan prepared an Interim Source Removal Proposal recommending the removal of 1,600 tons of contaminated soil and open-hole air sparging for up to 30 days. The ISRP was approved by Broward County and the soil removal was successfully completed in 2019. Following four quarters of groundwater monitoring, Langan requested a No Further Action with Conditions in 2020. Subsequently, we assisted The Goldstein Environmental Law Firm prepare a Declaration of Restrictive Covenant and the site received regulatory closure on 20 May 2021.

## 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Langan Engineering and Environmental Services, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Miami and Fort Lauderdale, FL	(3) ROLE Environmental Engineering
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

ARCHITECT-ENGINEER QUALIFICATIONS				1. SOLICITATION NUMBER (if any)		
PART II – CONTRACT-SPECIFIC QUALIFICATIONS						
(If a firm has branch offices, complete for each specific branch office seeking work.)						
2a. FIRM (OR BRANCH OFFICE) NAME Langan Engineering & Environmental Services			3. YEAR ESTABLISHED 1970		4. DUNS NUMBER 191411016	
2b. STREET 1221 Brickell Avenue, Suite 1800			5. OWNERSHIP			
2c. CITY Miami			2d. STATE FL	2e. ZIP CODE 33131		
6a. POINT OF CONTACT NAME AND TITLE Vincent D. Yarina, PG, CEM, Principal/Vice President			b. SMALL BUSINESS STATUS n/a			
6b. TELEPHONE NUMBER 786.264.7200		6c. E-MAIL ADDRESS vyarina@langan.com		7. NAME OF FIRM (If block 2a is a branch office) Langan Engineering & Environmental Services		
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED		8c. DUNS NUMBER	
9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	231	5	A10	Asbestos Abatement	6
08	CADD Technician	24	1	C07	Coastal Engineering	5
11	Chemist	1		C15	Construction Management	
12	Civil Engineer	365	16	D02	Dams (Earth; Rock); Dikes; Levees	
19	Ecologist	15		E01	Ecological /Archeological Investigations	4
23	Environmental Engineer	216	7	E06	Embassies and Chanceries	6
24	Environmental Scientist	105	1	E09	Envir. Impact Studies, Assessm'ts	5
27	Foundation/Geotechnical Engineers	270	16	E12	Environmental Remediation	7
29	GIS Specialist	30		G04	GIS... and Data Collection	4
30	Geologist	71	4	L02	Land Surveying	8
34	Hydrologist	1		L03	Landscape Architecture	6
36	Industrial Hygienist	1		P06	Planning (Site, Installation, Project)	4
38	Land Surveyor	73	2	S05	Soils/Geologic Studies; Foundations	10
39	Landscape Architect	37		S11	Sustainable Design	4
47	Planner: Urban/Regional	4		T03	Traffic & Transportation Eng.	7
57	Structural Engineer	1		W02	Water Resources; Hydrology...	4
60	Transportation Engineer	43		Z01	Zoning; Land Use Studies	5
(OTHER)	Asbestos/Lead/Mold Specialists	16			Site/Civil Engineering	10
	TOTAL	1504	52		Due Diligence	5
11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER				
a. Federal Work	6	1. Less than \$100,000				
b. Non-Federal Work	10	2. \$100,000 to less than \$250,000				
c. Total Work	10	3. \$250,000 to less than \$500,000				
		4. \$500,000 to less than \$1 million				
		5. \$1 million to less than \$2 million				
		6. \$2 million to less than \$5 million				
		7. \$5 million to less than \$10 million				
		8. \$10 million to less than \$25 million				
		9. \$25 million to less than \$50 million				
		10. \$50 million or greater				
12. AUTHORIZED REPRESENTATIVE						
The foregoing is a statement of facts.						
a. SIGNATURE Vincent D. Yarina				b. DATE February 8, 2024		
c. NAME AND TITLE Vincent D. Yarina, PG, CEM, Principal/Vice President						

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

(Complete one Section E for each key person.)

12. NAME Mark Sowers, PSM	13. ROLE IN THIS CONTRACT SUE Director / Chief Surveyor	14. YEARS EXPERIENCE a. TOTAL 35      b. WITH CURRENT FIRM 7	
15. FIRM NAME AND LOCATION (City and State) Manuel G. Vera & Associates, Inc.      Jupiter, FL			
16. EDUCATION (Degree and Specialization) BS, Land Surveying, University of Florida, 1988		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Surveyor & Mapper, Florida, PSM#5266 (1993)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Sowers is a Professional Surveyor & Mapper with 33 years of experience throughout the state of Florida. His responsibilities include managing field operations and establishing standards for consultants as well as final quality assurance / quality control of all deliverables before client submission. He is proficient in the latest industry technology, as well as developing and implementing successful management strategies. Mr. Sowers worked for the Florida Department of Transportation (FDOT), District IV for eight years, four of them as District Surveyor. During his FDOT tenure, Mr. Sowers actively participated in statewide process improvements. He was a chairperson for FDOT's Survey Technical Advisory Committee and a member of the committees responsible for the development and implementation of the staff-hour estimating form and project network control sheet.			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) N/A
<b>a. Design Build for I-95 Express 3B-2 from S. of Glades Rd. to S. of Linton Blvd</b> FDOT District 4 (Palm Beach County) (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE As a subconsultant to WSP USA, MGVS performed a Design Survey which included a complete Design Survey incorporating Control Surveying, ROW, Construction Surveying, and ROW Mapping. As part of the Design Survey, MGVS performed a Photogrammetry / Terrestrial Mobile LiDAR consisting of the use of our Mobile LiDAR unit to perform and provide a 3D high-definition scan and Model of the I-95 corridor as well as a number of side-streets. The Terrestrial Mobile LiDAR task included the preparation and planning of the Mobile LiDAR driving trajectories which include control and validation points throughout each track and set within the project the proposed trajectory. These predetermined tracks are converted to the most efficient and precise route minimizing obscured areas of the field scan. The field scan data is processed and registered with Leica Pegasus Manager creating and consolidating all tracks into an adjusted / controlled seamless point cloud. This cloud is further verified within approved parameters using the set control points and exported into a Cad environment (Microstation / TopoDot / AutoCAD / etc.) for modeling and detail feature extraction including a detailed model of all travel lanes, signage, guardrails, mast-arms, light poles, median barrier walls, trees, drainage structures, etc. Role: Chief Surveyor	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>b. Miscellaneous Survey and Mapping Services - (C-A957)</b> FDOT District 4 (Broward, Indian River, Martin, Palm Beach, and St. Lucie County) (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Surveying and mapping services for this contract include, but are not limited to: Mobile LiDAR, Field Surveys, Maintenance of Traffic (MOT), Historical Baseline and Existing Right of Way Determination, Global Positioning System (GPS) Surveys, Monumentation Surveys, Bathymetric surveys (which includes single beam, multi beam and side scanner sonar capabilities), Utility Designation and Excavation (including Underwater Utilities), Tree Surveys (trees identified by an Arborist or Landscape Architect), Right of Way Control Survey Maps, Right of Way Maps, Maintenance Maps, Right of Way Monumentation Maps, Boundary Surveys, Quality Assurance Reviews, Expert Witness Testimony, Title Search Plotting Maps, Title Document Review and Analysis, Sketched, Parcel Staking, Legal Descriptions and Documents of Conveyance. Role: Project Manager	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>c. Underline Phase 2</b> Miami-Dade County Department of Transportation and Public Works (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE As a Subconsultant to A & P Consulting Transportation Engineers, MGVS performed a Design Survey along the Underline Phase 2 corridor which lies underneath the existing Metro-Rail Tracks, the intersecting side-street and including US-1 which runs parallel in Miami-Dade County for 2.5-miles from SW 13th Avenue to SW 19th Avenue. The Design Survey included a complete Design Survey incorporating Control Surveying, Right of Way, Construction Surveying, and Right of Way Mapping. As part of the Design Survey, MGVS performed a Photogrammetry / Terrestrial Mobile LiDAR consisting of the use of our Mobile LiDAR unit to perform and provide a 3D high-definition scan and Model of the project limits. The Terrestrial Mobile LiDAR task included the preparation and planning of the Mobile LiDAR driving trajectories which include control and validation points throughout each track and set within the project the proposed trajectory. These predetermined tracks are converted to the most efficient and precise route minimizing obscured areas of the field scan. The field scan data is processed and registered with Leica Pegasus Manager creating and consolidating all tracks into an adjusted / controlled seamless point cloud. This cloud is further verified within approved parameters using the set control points and exported into a Cad environment (Microstation/TopoDot/AutoCAD/etc.) for modeling and detail feature extraction including a detailed model of all of the Metro-Rail columns and structures, all travel lanes, signage, guardrails, mast-arms, light poles, median barrier walls, tree survey, drainage structures, etc. Role: Chief Surveyor	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>d. Districtwide Right of Way Mapping &amp; Survey (C-9M05)</b> FDOT District 6 (Miami-Dade and Monroe County, FL) (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Tasks for Right of Way Mapping and Surveying services have included the preparation of Right of Way Control Surveys, Right of Way Control Maps, Right of Way Surveys, Right of Way Maps, Boundary Surveys, Geographic Information System (GIS) Mapping, preparation of Parcel Sketches and Legal Descriptions, Quality Assurance Reviews, Title Searches, Title Search Review, plotting Legal Descriptions, and miscellaneous surveying and mapping. Right of Way surveys may include, but not be limited to, the following: Geodetic Control / Project Network Control (PNC), Alignments, Section Ties, Subdivision Ties, Maintained Right of Way Survey, Building Ties, Jurisdictional Line Survey, and Side Street Surveys. Role: Chief Surveyor	<input checked="" type="checkbox"/> Check if project performed with current firm	



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER  1
21. TITLE AND LOCATION <i>(City and State)</i> <b>Districtwide Continuing Services for Survey, Mapping &amp; SUE (Broward, Indian River, Martin, Palm Beach, and St. Lucie Counties, Florida)</b>		22. YEAR COMPLETED PROFESSIONAL SERVICES On-Going CONSTRUCTION <i>(If applicable)</i> N/A

### 23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER FDOT - District 4	b. POINT OF CONTACT NAME Jeffrey Smith, PSM	c. POINT OF CONTACT TELEPHONE NUMBER 954-777-4560
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### 24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Contract Amount: \$5 Million

Project Length: task driven

FDOT District Four

Contract: C-9T24

Project Description: Task driven contract performing miscellaneous survey tasks in Broward, Indian River, Martin, Palm Beach, and St. Lucie Counties, and all municipalities within the district. Surveying and mapping services for this contract include, but are not limited to: Mobile Lidar, Field Surveys, Maintenance



of Traffic (MOT), Historical Baseline and Existing Right of Way Determination, Global Positioning System (GPS) Surveys, Monumentation Surveys, Bathymetric surveys (which includes single beam, multi beam and side scanner sonar capabilities), Utility Designation and Excavation (including Underwater Utilities), Tree Surveys (trees identified by an Arborist or Landscape Architect), Right of Way Control Survey Maps, Right of Way Maps, Maintenance Maps, Right of Way Monumentation Maps, Boundary Surveys, Quality Assurance Reviews, Expert Witness Testimony, Title Search Plotting Maps, Title Document Review and Analysis, Sketched, Parcel Staking, Legal Descriptions and of Conveyance Documents. Task Work Orders under this contract include:

- TWO#1 NE 10<sup>th</sup> Street
- TWO#2 NE 4<sup>th</sup> Street
- TWO#3 SR 7 & SR 816
- TWO#4 SR A1A Baseline and ROW
- TWO#6 SR 824 Test Holes
- TWO#7 Johnson Street
- TWO#9 Northwood Connector
- TWO#10 SR 848
- TWO#11 IRC Ditch 7 & 8
- TWO#12 Wave Parcel Staking
- TWO#13 Atlantic Avenue & Congress
- TWO#14 Dania Beach
- TWO#15 SR A1A
- TWO#16 SR 5 @ Taylor Creek
- TWO#18 SR 809
- TWO#19 Haverhill Road
- TWO#20 Parcel 107
- TWO#21 SR 817
- TWO#22 Davie Boulevard
- TWO#23 Fountains Motel
- TWO#24 SR 870
- TWO#25 SR 802
- TWO#27 SR 5 Lantana S&L
- TWO#28 SR 80 / Southern Boulevard
- TWO#29 SR A1A
- TWO#30 SR A1A Lyons Bridge
- TWO#32 CR 707
- TWO#34 Northwood
- TWO#35 SR A1A
- TWO#36 SR 804 Drainage
- TWO#38 SR 806
- TWO#40 SR 806
- TWO#41 SR 712
- TWO#42 SR 5 & Tyler
- TWO#43 I-75 @ Royal Palm
- TWO#46 Parcel 702 / 805
- TWO#47 SR A1A
- TWO#59 Parcel 2720 Windsor

### 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Manuel G. Vera & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Miami, FL	(3) ROLE Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b>  2
<b>21. TITLE AND LOCATION (City and State)</b> <b>Design Build for I-95 Express 3B-2 from S. of Glades Rd. to S. of Linton Blvd</b> <b>Palm Beach County, Florida)</b>	<b>22. YEAR COMPLETED</b>	
	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) N/A

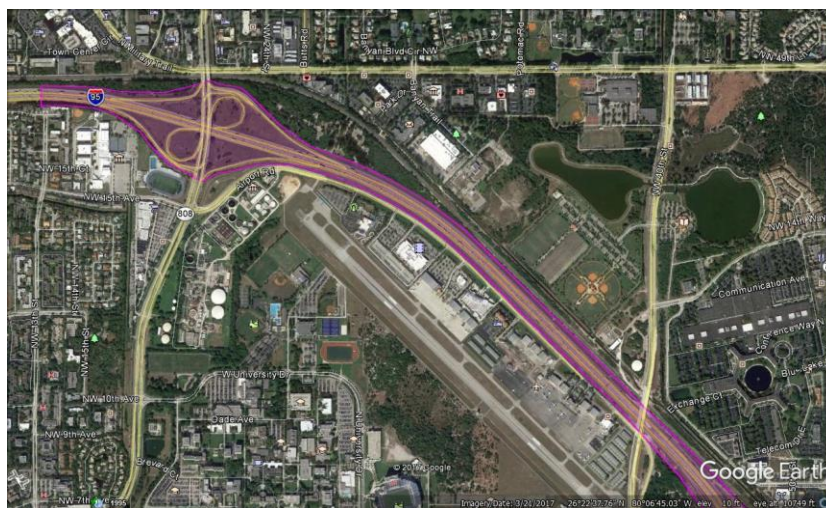
**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER WSP	b. POINT OF CONTACT NAME Yamila Hernandez, PE	c. POINT OF CONTACT TELEPHONE NUMBER 305-514-3154
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)**

Project Dates: 08/2019 thru 01/2020  
FPID: 433109-5-52-01, 433109-5-52-02, 412420-4-52-01 and 435384-1-52-01  
Location: Palm Beach County  
Subconsultant to: WSP  
Contact Person: Yamila Hernandez, PE  
Contact Phone: 305-514-3154

Project Description: As a subconsultant to WSP USA, MGCV performed a Design Survey which included a complete Design Survey incorporating Control Surveying, Right of Way, Construction Surveying, and Right of Way Mapping. As part of the Design Survey, MGCV performed a Photogrammetry / Terrestrial Mobile LiDAR consisting of the use of our Mobile Lidar unit in order to perform and provide a 3D high-definition scan and Model of the I-95 corridor as well as a number of side-streets. The Terrestrial Mobile LiDAR task included the preparation and planning of the Mobile Lidar driving trajectories which include control and validation points throughout each track and set within the project the proposed trajectory. These predetermined tracks are converted to the most efficient and precise route minimizing obscured areas of the field scan. The field scan data is processed and registered with Leica Pegasus Manager creating and consolidating all tracks into an adjusted / controlled seamless point cloud. This cloud is further verified within approved parameters using the set control points and exported into a Cad environment (Microstation / TopoDot / AutoCAD / etc.) for modeling and detail feature extraction including a detailed model of all travel lanes, signage, guardrails, mast-arms, light poles, median barrier walls, trees, drainage structures, etc.


**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Manuel G. Vera & Associates, Inc.	(2) FIRM LOCATION (City and State) Miami, FL	(3) ROLE Subconsultant
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER  3
21. TITLE AND LOCATION <i>(City and State)</i> <b>Underline Phase 2</b> <b>(Miami-Dade County, Florida)</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	CONSTRUCTION <i>(If applicable)</i> N/A

### 23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER A&P Consulting Transportation Engineers	b. POINT OF CONTACT NAME Mario Rojas, PE	c. POINT OF CONTACT TELEPHONE NUMBER 305-592-7283
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### 24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Project Dates: 09/2020 thru 12/2020

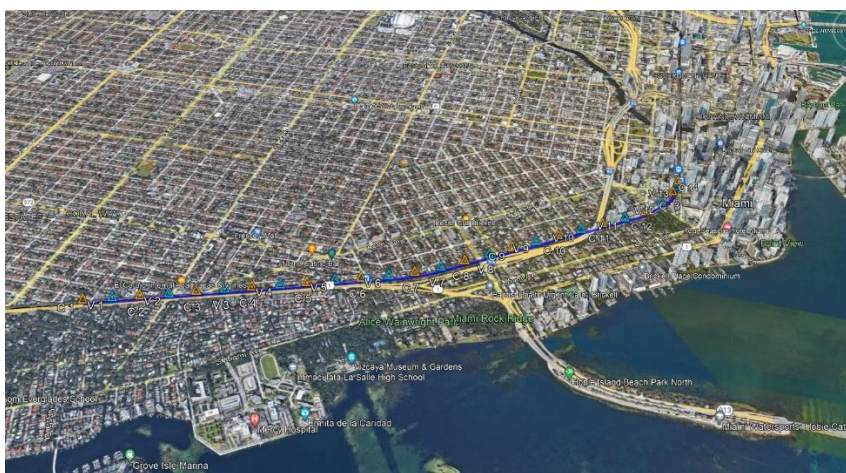
Location: Miami-Dade County

Subconsultant to: A & P Consulting Transportation Engineers

Contact Person: Mario B. Rojas IV, PE, MBA, MSCE

Contact Phone: 305.592.7283

Project Description: As a Subconsultant to A & P Consulting Transportation Engineers, MGCV performed a Design Survey along the Underline Phase 2 corridor which lies underneath the existing Metro-Rail Tracks, the intersecting side-street and including US-1 which runs parallel in Miami-Dade County for 2.5-miles from SW 13th Avenue to SW 19th Avenue. The Design Survey included a complete Design Survey incorporating Control Surveying, Right of Way, Construction Surveying, and Right of Way Mapping. As part of the Design Survey, MGCV performed a Photogrammetry / Terrestrial Mobile LiDAR consisting of the use of our Mobile Lidar unit in order to perform and provide a 3D high-definition scan and Model of the project limits. The Terrestrial Mobile LiDAR task included the preparation and planning of the Mobile LiDAR driving trajectories which include control and validation points throughout each track and set within the project the proposed trajectory. These predetermined tracks are converted to the most efficient and precise route minimizing obscured areas of the field scan. The field scan data is processed and registered with Leica Pegasus Manager creating and consolidating all tracks into an adjusted / controlled seamless point cloud. This cloud is further verified within approved parameters using the set control points and exported into a Cad environment (Microstation / TopoDot / AutoCAD / etc.) for modeling and detail feature extraction including a detailed model of all of the Metro-Rail columns and structures, all travel lanes, signage, guardrails, mast-arms, light poles, median barrier walls, tree survey, drainage structures, etc.



### 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Manuel G. Vera & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Miami, FL	(3) ROLE Subconsultant
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE



## 1. SOLICITATION NUMBER (If any)

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

[illegible]

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	0	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	6	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	6	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater

*The foregoing is a statement of facts.*

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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Amy Champagne-Baker, PE	Project Engineer	25	3

15. FIRM NAME AND LOCATION *(City and State)*

Quantum Electrical Engineering, Inc. West Palm Beach, FL

16. EDUCATION *(Degree and Specialization)*Bachelor of Science in Electrical Engineering  
Clarkson University 199717. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*FL PE #73735 Electrical Engineer  
CT PE #27854 Electrical Engineer  
USVI PE #1291E Electrical Engineer18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Amy Champagne-Baker, Project Engineer, brings to this project over 25 years of electrical design and project management experience on roadway lighting projects, DOT expressways, interchanges, value engineering, airport runway and taxiway lighting system design, water and wastewater facilities, and airport terminal design. LEED-AP Certified.

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Palm Beach International Airport Switchgear Phase 1 Replacement West Palm Beach, FL	2020	Ongoing
<b>a.</b> (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Performed electrical design services which included the replacement of 13.2kV Switchgear "NPDS", 13.2KV Main Substation, and two 13.2KV:480V Substations which provides all of the nonemergency power to PBIA. Includes extensive phasing and temporary equipment/power systems to maintain operations at the Airport during construction. Electrical Cost: \$8 million		
Palm Beach International Airport Concourse B Expansion, West Palm Beach, FL	2021	ongoing
<b>b.</b> (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Performed electrical design services for the expansion of Concourse B, includes new lighting and electrical distribution systems to support the expansion, (2) new electrical rooms, various new switchboards/panelboards, replacement of 13.2kV:480V emergency power transformer, modifications to the existing electrical distribution/fire alarm systems and new conduit and conductor systems. Estimated Electrical Cost: \$2.1 million.		
Palm Beach International Airport FIS & Bldg. 846 Storm Resiliency Modifications Package 3, West Palm Beach, FL	2020	Awaiting Construction
<b>c.</b> (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Performed electrical design services for the addition of a new 500KW Emergency Generator at the Customs Facility for Palm Beach International Airport, the design includes new automatic transfer switch, modifications to the existing electrical distribution systems and new conduit and conductor systems. Estimated Electrical Cost: \$750K.		
Bimini Cove BCWWS Lift Station 31D, Fort Lauderdale, FL	2021	2022
<b>d.</b> (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Performed electrical design services for the replacement of existing Broward County Lift Station 31D to meet the current Broward County Standards. Included the complete replacement of the existing control panel, new manual transfer switch, increased pump sizes of the existing system to 25HP and utilized the existing wet well. Estimated Electrical Cost: \$100K		
Broward County Water and Waste Services – NRWTP Facility Improvements Project 9195 Phase III (3) Biologicals	2019	Awaiting Construction
<b>e.</b> (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Designed the electrical distribution systems for four (4) new motor control centers for four (4) RAS pump stations, replacement of VFDs for RAS pumps, RAS meter vaults, replacement of WAS pump systems, replacement of Scum Pump station, replacement of existing electrical equipment and panelboards as well as replacement of all existing conduit and conductors systems with replacement of lighting systems. Estimated Electrical Cost: \$4.2M.		

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 1
21. TITLE AND LOCATION <i>(City and State)</i> Palm Beach International Airport Switchgear NPDS Replacement, West Palm Beach, FL	22. YEAR COMPLETED PROFESSIONAL SERVICES 2021      CONSTRUCTION <i>(If applicable)</i> Ongoing	

## 23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Palm Beach County, DOA	b. POINT OF CONTACT NAME Cynthia Portnoy, PE	c. POINT OF CONTACT TELEPHONE NUMBER 561-471-7411
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Quantum Electrical Engineering, Inc. designed the Switchgear "NPDS" Replacement project at the Palm Beach International Airport in 2021. This project included the replacement of the 13.2kV switchgear "NDPS", Main FPL switchgear, Substation "B", and Substation "A".

The main elements of the design included

1. The design of two new outdoor 13.2 kV weather resistant main switch cabinets with a main incoming switch with two outgoing feeder switches.
2. The replacement of the existing 13.2kV switchgear "NPDS" located in the main terminal. Switchgear includes a main-tie-main configuration and thirteen medium voltage feeder breakers.
3. The replacement of existing Substation "B" located in Concourse B. Substation includes two 13.3kV load brake switches, two 13.2kV:480Y/277V step down transformers, and 480/277 switchgear with a main-tie-main configuration with new feeder breakers.
4. The replacement of existing Substation "C" located in Concourse C. Substation includes two 13.3kV load brake switches, two 13.2kV:480Y/277V step down transformers, and 480/277 switchgear with a main-tie-main configuration with new feeder breakers.
5. The design includes extensive phasing of the shutdowns, temporary wiring, and temporary equipment/power systems installations to maintain operations of the Main Terminal, Concourses, Revenue Building, and Parking Garages during construction.

## 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Quantum Electrical Engineering, Inc.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL	(3) ROLE Electrical Design
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 2
21. TITLE AND LOCATION <i>(City and State)</i> Palm Beach International Airport Chiller 4 & 5 Replacement, West Palm Beach, FL	22. YEAR COMPLETED PROFESSIONAL SERVICES 2020      CONSTRUCTION <i>(If applicable)</i> Ongoing	

## 23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Palm Beach County, DOA	b. POINT OF CONTACT NAME Cynthia Portnoy, PE	c. POINT OF CONTACT TELEPHONE NUMBER 561-471-7411
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Quantum Electrical Engineering, Inc. designed the Chiller 4 & 5 Replacement project at the Palm Beach International Airport in 2020. This project included the replacement of two 4,160 V chillers and expansion of existing 4160 V and 480 V Motor Control Centers (MCC).

The main elements of the design included

1. The replacement of two (2) 405 KW chillers located in the main terminal. Replacement of chillers included medium voltage cabling.
2. The expansion of the existing 4160 V MCC to include a new medium voltage soft starter for Chiller 5 and a switchgear dashboard system for power equipment monitoring.
3. The expansion of the existing 480 V MCC to include all ancillary equipment for chillers 4 and 5
4. The relocation of existing circuitry to facilitate the removal and installation of chillers 4 and 5.
5. The design includes extensive phasing of the shutdowns, temporary wiring, and temporary equipment/power systems installations to maintain operations of the Chiller Plant during construction.

## 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Quantum Electrical Engineering, Inc.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL	(3) ROLE Electrical Design
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE





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

<b>12. NAME</b> <b>Raj Krishnasamy, P.E.</b>		<b>13. ROLE IN THIS CONTRACT</b> <b>Principal-in-Charge, Principal Engineer</b>		<b>14. YEARS EXPERIENCE</b>	
				<b>a. TOTAL</b> <b>36</b>	<b>b. WITH CURRENT FIRM</b> <b>23</b>
<b>15. FIRM NAME AND LOCATION (City and State)</b> <b>Tierra South Florida, Inc. dba TSFGeo</b>					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> BS Civil Engineering, Christian Brothers University, 1987; MS Civil Engineering, University of Memphis, 1996			<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> Professional Engineer, Florida No. 53567		
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> American Society of Civil Engineers, Past President, Florida Engineering Society, Past Treasurer Geotechnical Material Engineering Council, Past Chairman; American Council of Engineering Companies, Past Director					
<b>19. RELEVANT PROJECTS</b>					
a.	(1) TITLE AND LOCATION (City and State) <b>Pine Island Road Force Main Replacement, Sunrise, Florida</b>		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2022	CONSTRUCTION (If applicable) N/A	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Krishnasamy was the Principal-in-Charge of Geotechnical Engineering Services for the utility improvements which included the replacement of the force main with segments of 4-inch to 24-inch diameter force mains. The purpose of this study was to explore to enable an evaluation of acceptable construction and site development considerations. Provided a report which included evaluations and recommendations regarding excavations, trench backfill and preconstruction conditions survey. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>		<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION (City and State) <b>Broward County Water-Waste System Davis Isles New Sewer and Water Main Replacement, Fort Lauderdale, Florida</b>		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) N/A	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Krishnasamy was the Principal-in-Charge of the Geotechnical Engineering Study for the replacements which included approximately 3,000 feet of 8-inch gravity sewer main, one retail lift station and less than one 100' of 6" force main. The purpose of this study was to explore enable an evaluation of acceptable construction and site-development considerations. Provided a report which included evaluations and recommendations regarding site preparation, foundations, excavations, trench backfill, lateral Earth pressures and a preconstruction conditions survey. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>		<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION (City and State) <b>Inverrary Bridge Force Main Relocation, Sunrise, Florida</b>		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) N/A	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Krishnasamy was the Principal-in-Charge of the Geotechnical Engineering Study for the construction of approximately 1,400 feet of 12-inch FM from connection located at the Southeast corner of the at West Inverrary Boulevard and routed West approximately 1,000 feet. The purpose of this study was to explore to enable an evaluation of acceptable foundation construction considerations. Provided a report which included evaluations and recommendations regarding driven pile axial capacity, trench excavation, trench backfill, and existing facilities protection consideration. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>		<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION (City and State) <b>54-inch Force Main, Broward County, Florida</b>		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable) N/A	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Krishnasamy was the Principal-in-Charge of Geotechnical Engineering Services for the project which included the 54-inch force main. The purpose of this study was to provide the design with general soils information for the project alignment. Provided a report which included evaluations and recommendations regarding site preparation above existing pipes, site preparation with sufficient cover, construction excavation and dewatering, vibration and settlement monitoring and pre and post construction survey, excavations, and lateral Earth pressures. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>		<input checked="" type="checkbox"/> Check if project performed with current firm		
e.	(1) TITLE AND LOCATION (City and State) <b>Broward County Water-Waste System - SE 22nd Avenue Force Main Replacement, Lighthouse Point, Florida</b>		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) N/A	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Krishnasamy was the Principal-in-Charge of Geotechnical Engineering Services for the project which consisted of approximately 3500 feet of force main replacements. The purpose of this study was to explore to enable an evaluation of acceptable construction and site development considerations. Provided a report which included evaluations and recommendations regarding excavations, trench backfill and lateral Earth pressures. ✓ <b>Completed on time</b> ✓ <b>Within budget</b>		<input checked="" type="checkbox"/> Check if project performed with current firm		



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>1</b>			
<b>21. TITLE AND LOCATION (City and State)</b> <b>Broward County Water-Waste System BCWWS # 104538 Davis Isles New Sewer and Water Main Replacement, Fort Lauderdale, Florida</b>		<b>22. YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES <b>2018</b></td> <td>CONSTRUCTION (If applicable) <b>N/A</b></td> </tr> </table>		PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable) <b>N/A</b>
PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable) <b>N/A</b>				
<b>23. PROJECT OWNER'S INFORMATION</b>					
<b>a. PROJECT OWNER</b> Craven Thompson & Associates, Inc.	<b>b. POINT OF CONTACT NAME</b> Mr. Patrick Gibney, P.E.	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (954) 739-6400			
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>  TSFGeo performed a Geotechnical Engineering Study for BCWWS #104538 Davis Isles New Sewer and Water Main Replacement located in Fort Lauderdale, Florida.  The project included approximately 3,000 feet of 8-inch gravity sewer main, one retail lift station, less than one 100' of 6" force main to serve approximately 80 homes on SW 37 <sup>th</sup> Avenue, SW 38 <sup>th</sup> Avenue, SW 47 <sup>th</sup> Court and SW 38 <sup>th</sup> Terrace North of Griffin Road.  The purpose of this study was to explore the subsurface conditions at the site to enable an evaluation of acceptable construction and site-development considerations.  TSFGeo's geotechnical field study included SPT borings.  Provided a geotechnical engineering report which included evaluations and recommendations regarding site preparation, foundations, excavations, trench backfill, lateral Earth pressures and a preconstruction conditions survey.  ✓ <b>Completed on time</b> ✓ <b>Within budget</b> TSFGeo Consultant Fees: \$7,500					

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	TSFGeo	West Palm Beach, Florida	Geotechnical Engineering Services



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
	(1) FIRM NAME	(2) FIRM LOCATION ( <i>City and State</i> )	(3) ROLE
a.	TSPGeo	West Palm Beach, Florida	Geotechnical Engineering Services

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <b>3</b>	
<b>21. TITLE AND LOCATION (City and State)</b> <b>54-inch Force Main,</b> <b>Broward County, Florida</b>		<b>22. YEAR COMPLETED</b>	
		<b>PROFESSIONAL SERVICES</b> <b>2020</b>	<b>CONSTRUCTION (If applicable)</b> <b>N/A</b>
<b>23. PROJECT OWNER'S INFORMATION</b>			
<b>a. PROJECT OWNER</b> Craven Thompson & Associates, Inc.	<b>b. POINT OF CONTACT NAME</b> Mr. Patrick Gibney, P.E.	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (954) 739-6400	
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>  TSFGEO provided the Geotechnical Engineering Services for the 54-inch Force Main located in Broward County, Florida.  The purpose of this geotechnical study was to review subsurface soil conditions with SPT borings and provide the design with general soils information for the project alignment.  TSFGEO's geotechnical field study included SPT borings.  Provided a geotechnical engineering report which included evaluations and recommendations regarding site preparation above existing pipes, site preparation with sufficient cover, construction excavation and dewatering, vibration and settlement monitoring, pre and post construction survey, excavations, and lateral Earth pressures.  <b>✓ Completed on time ✓ Within budget</b> TSFGEO Consultant Fees: \$12,655			

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	TSFGEO	West Palm Beach, Florida	Geotechnical Engineering Services





## RFO # PSPW-23-20

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

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

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

PROFESSIONAL LICENSES AND CERTIFICATIONS

Craven Thompson & Associates, Inc.

Licensee

Name:

Craven, Thompson & Associates, Inc.

License Number:

271

Rank:

Registry

License Expiration Date:

Primary Status:

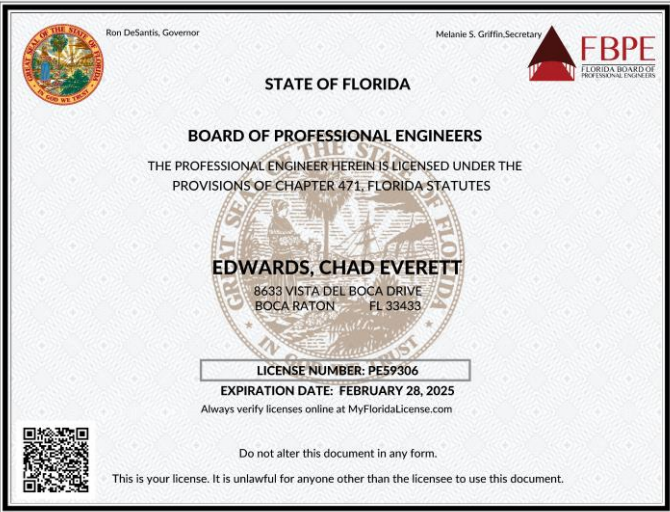
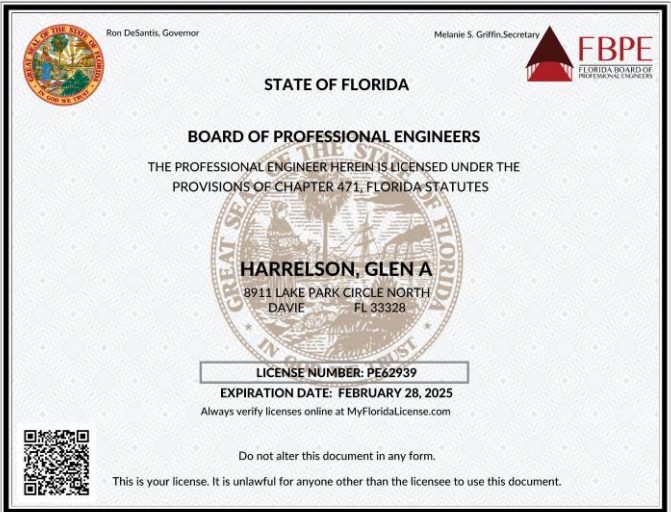
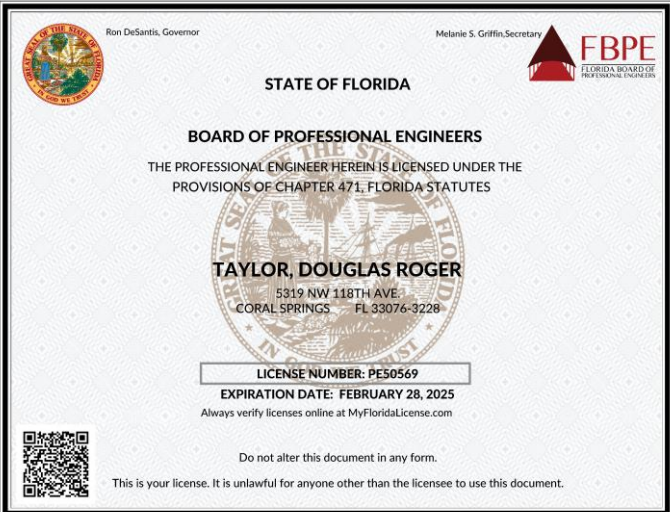
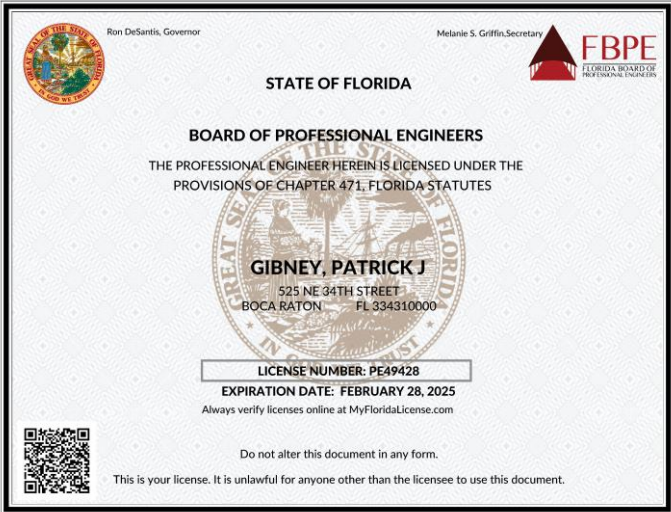
Current

Original License Date:

05/10/1977

Related License Information

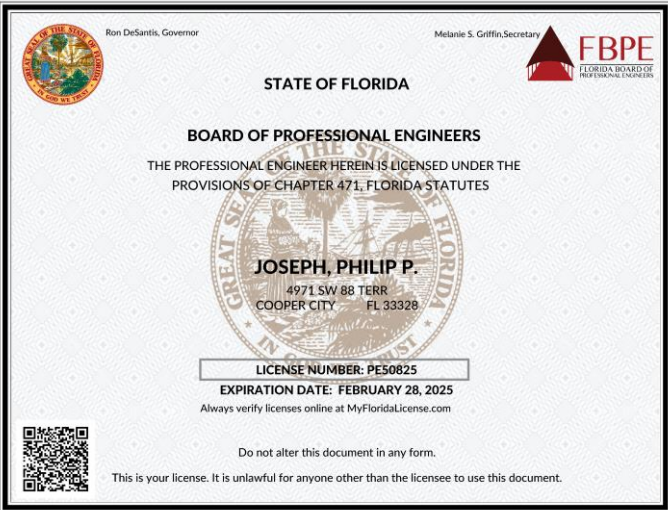
License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
49428	Current, Active	GIBNEY, PATRICK J	Registry	03/14/2014	Professional Engineer	02/28/2025





PROFESSIONAL LICENSES / CERTIFICATIONS

CITY OF PEMBROKE PINES RFQ # PSPW-23-20

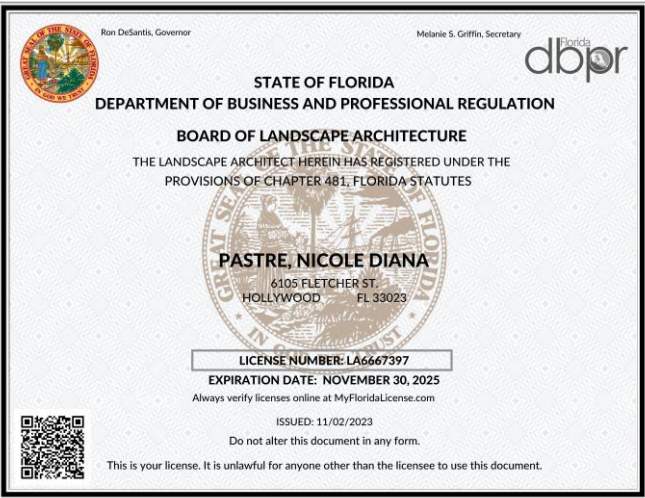
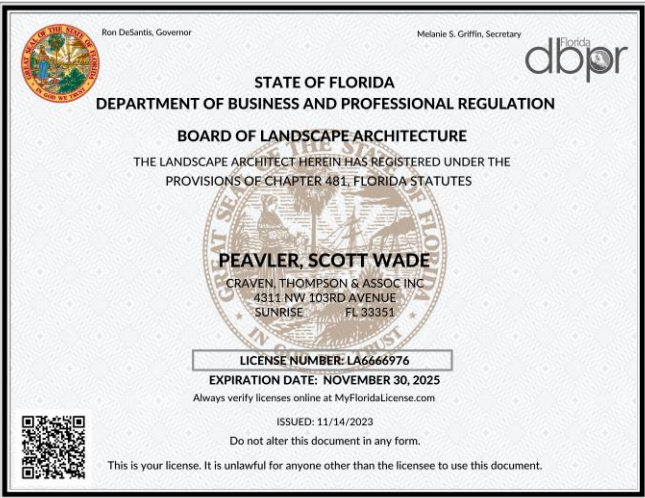


Licensee

Name:	<b>CRAVEN, THOMPSON &amp; ASSOCS INC</b>	License Number:	
Rank:	<b>Landscape Architecture Business Info</b>	License Expiration Date:	
Primary Status:	<b>Current</b>	Original License Date:	<b>06/18/1985</b>
Secondary Status:	<b>Active</b>		

Related License Information

License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
LA6666976	Current, Active	PEAVLER, SCOTT WADE DBA:CRAVEN, THOMPSON & ASSOC INC	Landscape Architect	11/08/2023	Registered Landscape Architect	11/30/2025



## PROFESSIONAL LICENSES / CERTIFICATIONS

CITY OF PEMBROKE PINES RFQ # PSPW-23-20



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

License No.: **LB271**  
Expiration Date February 28, 2025

**Professional Surveyor and Mapper Business License**

Under the provisions of Chapter 472, Florida Statutes

**CRAVEN-THOMPSON & ASSOC, INC**  
3563 NW 53RD ST  
FT LAUDERDALE, FL 33309-6311

WILTON SIMPSON  
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.



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

License No.: **LS4038**  
Expiration Date February 28, 2025

**Professional Surveyor and Mapper License**

Under the provisions of Chapter 472, Florida Statutes

**RICHARD D PRYCE**  
1031 SW 127TH TER  
DAVIE, FL 33325-5558

NICOLE "NIKKI" FRIED  
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.



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

License No.: **LS5799**  
Expiration Date February 28, 2025

**Professional Surveyor and Mapper License**

Under the provisions of Chapter 472, Florida Statutes

**RAYMOND YOUNG**  
2661 NW 63RD AVE  
MARGATE, FL 33063-1721

WILTON SIMPSON  
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.





# *State of Florida*

## *Department of State*

I certify from the records of this office that CRAVEN, THOMPSON & ASSOCIATES, INC. is a corporation organized under the laws of the State of Florida, filed on January 1, 1962.

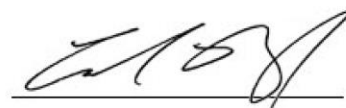
The document number of this corporation is 254407.

I further certify that said corporation has paid all fees due this office through December 31, 2024, that its most recent annual report/uniform business report was filed on January 15, 2024, and that its status is active.

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

*Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capital, this  
the Fifteenth day of January, 2024*



  
*Secretary of State*

Tracking Number: 5069014025CC

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## PROFESSIONAL LICENSES / CERTIFICATIONS

CITY OF PEMBROKE PINES RFQ # PSPW-23-20

## BOWMAN CONSULTING GROUP - TRAFFIC ENGINEERING

## Licensee

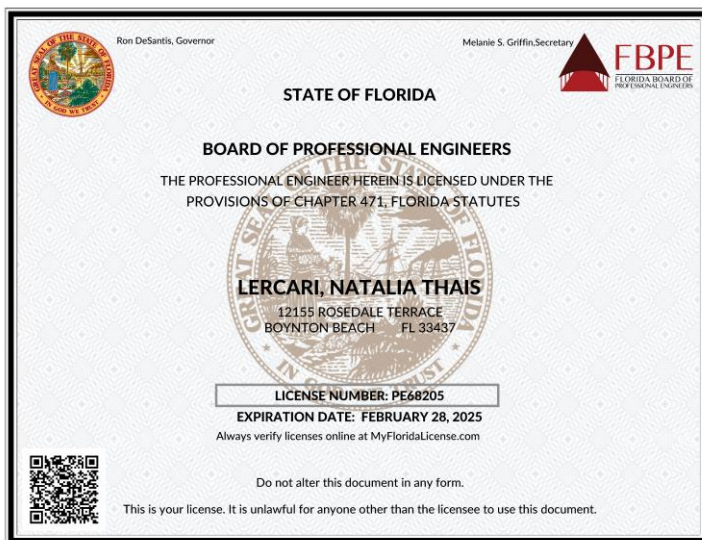
Name: **BOWMAN CONSULTING GROUP, LTD., INC.** License Number: **30462**

Rank: **Registry** License Expiration Date:

Primary Status: **Current** Original License Date: **10/08/2013**

## Related License Information

License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
66358	Current, Active	GOLDFARB, JESSE D	Registry	02/23/2015	Professional Engineer	02/28/2025



## State of Florida Department of State

I certify from the records of this office that BOWMAN CONSULTING GROUP, LTD., INC. is a Delaware corporation authorized to transact business in the State of Florida, qualified on November 30, 2012.

The document number of this corporation is F12000004832.

I further certify that said corporation has paid all fees due this office through December 31, 2023, that its most recent annual report/uniform business report was filed on February 7, 2023, and that its status is active.

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

Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capital, this  
the Twenty-third day of June,  
2023



*[Signature]*  
Secretary of State

Tracking Number: 2823271824CU

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

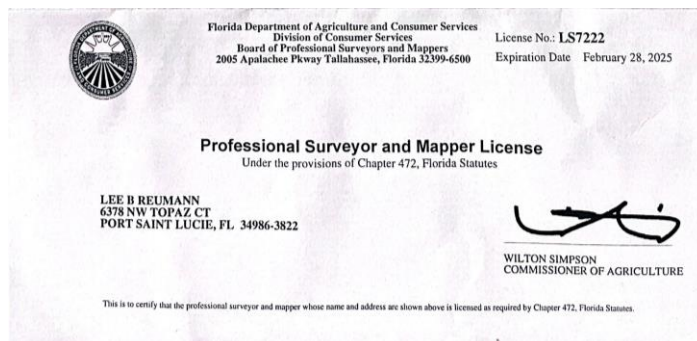
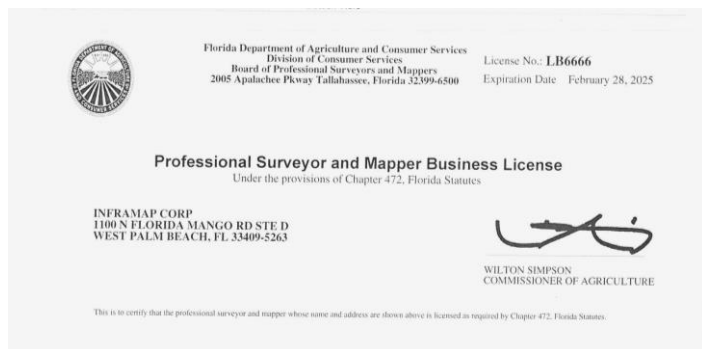
<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>



## PROFESSIONAL LICENSES / CERTIFICATIONS

CITY OF PEMBROKE PINES RFQ # PSPW-23-20

## INFRAMAP CORP. – SUBSURFACE UTILITY LOCATES



## State of Florida Department of State

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

The document number of this corporation is F94000005189.

I further certify that said corporation has paid all fees due this office through December 31, 2023, that its most recent annual report/uniform business report was filed on February 22, 2023, and that its status is active.

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

*Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capital, this  
the Twenty-fourth day of April,  
2023*



*[Signature]*  
Secretary of State

Tracking Number: 5738389860CU

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<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>



PROFESSIONAL LICENSES / CERTIFICATIONS

CITY OF PEMBROKE PINES RFQ # PSPW-23-20

LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES, INC. - ENVIRONMENTAL SERVICES

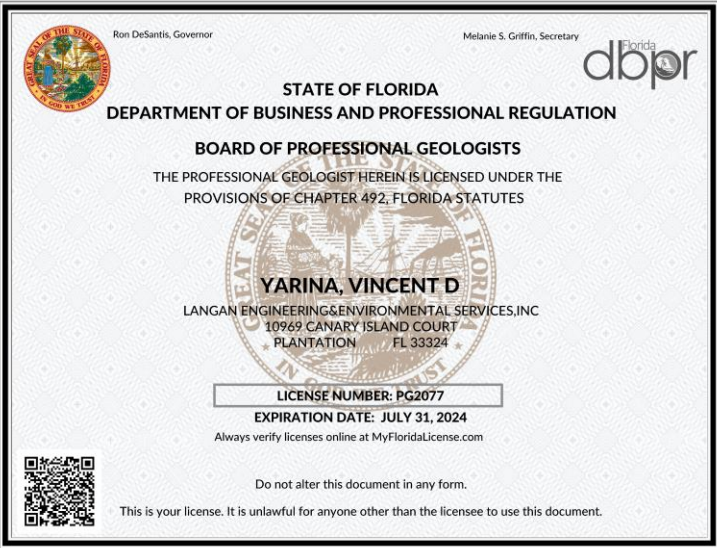
Licensee

Name: **LANGAN ENGINEERING&ENVIRONMENTAL SERVICES,INC**  
Rank: **Geology Business Information**  
Primary Status: **Current**  
Secondary Status: **Active**

License Number:  
License Expiration Date:  
Original License Date: **02/07/2002**

Related License Information

License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
PG2077	Current, Active	YARINA, VINCENT D DBA:LANGAN ENGINEERING&ENVIRONMENTAL SERVICES,INC	Professional Geologist		Professional Geologist	07/31/2024



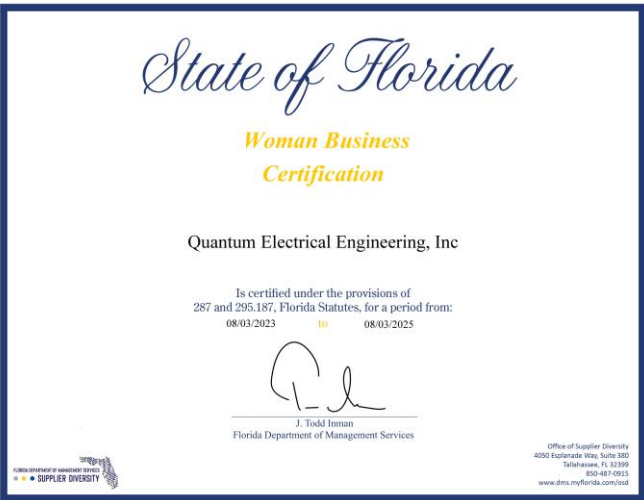
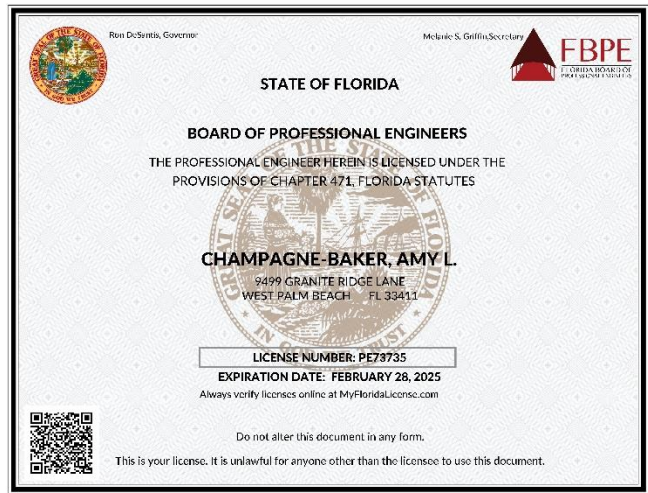


PROFESSIONAL LICENSES / CERTIFICATIONS

CITY OF PEMBROKE PINES RFQ # PSPW-23-20

QUANTUM ELECTRICAL ENGINEERING, INC. - ELECTRICAL ENGINEERING & LIGHTING

Licensee						
Name:	QUANTUM ELECTRICAL ENGINEERING, INC.			License Number:	30805	
Rank:	Registry			License Expiration Date:		
Primary Status:	Current			Original License Date:	08/01/2014	
Related License Information						
License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
73735	Current, Active	CHAMPAGNE-BAKER, AMY L	Registry	08/01/2014	Professional Engineer	02/28/2025

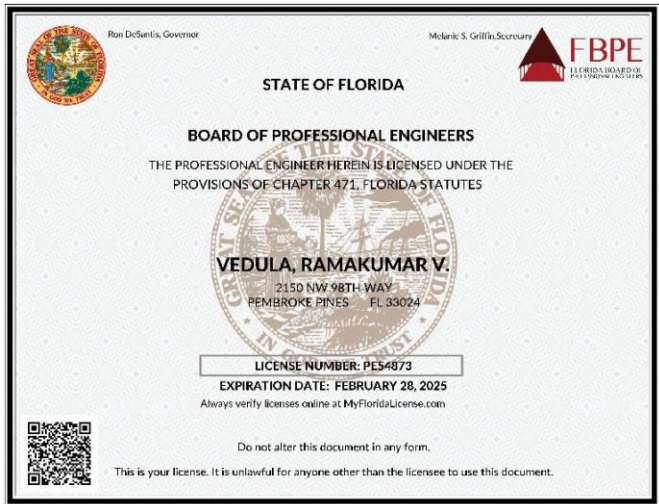
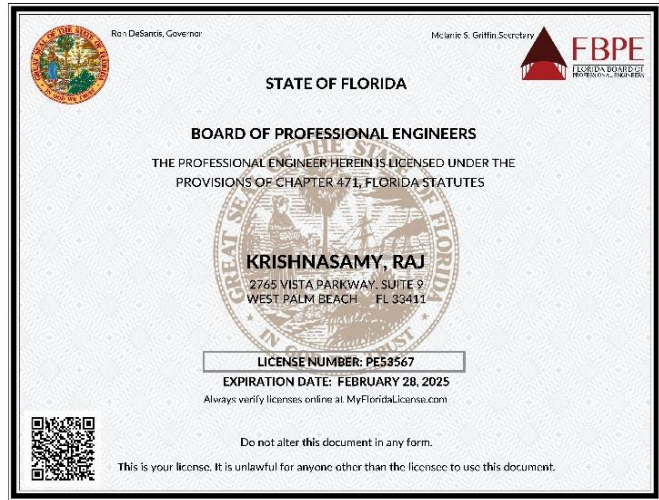


PROFESSIONAL LICENSES / CERTIFICATIONS

CITY OF PEMBROKE PINES RFQ # PSPW-23-20

TIERRA SOUTH FLORIDA, INC. - GEOTECHNICAL ENGINEERING

Licensee						
Name:		TIERRA SOUTH FLORIDA, INC.		License Number:		28073
Rank:		Registry		License Expiration Date:		
Primary Status:		Current		Original License Date:		04/13/2008
Related License Information						
License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
53567	Current, Active	KRISHNASAMY, RAJ	Registry	04/13/2008	Professional Engineer	02/28/2025



# State of Florida Department of State

I certify from the records of this office that TIERRA SOUTH FLORIDA, INC. is a corporation organized under the laws of the State of Florida, filed on October 7, 2003, effective October 17, 2003.

The document number of this corporation is P03000110144.

I further certify that said corporation has paid all fees due this office through December 31, 2024, that its most recent annual report/uniform business report was filed on January 3, 2024, and that its status is active.

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

*Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Third day of January, 2024*



Secretary of State

Tracking Number: 1134523903CC


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## PROFESSIONAL LICENSES / CERTIFICATIONS

CITY OF PEMBROKE PINES RFQ # PSPW-23-20


## MG VERA &amp; ASSOCIATES – MOBILE LIDAR


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


License No.: **LB2439**  
 Expiration Date February 28, 2025

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

MANUEL G VERA & ASSOCS INC  
 13960 SW 47TH ST  
 MIAMI, FL 33175-4404

  
 WILTON SIMPSON  
 COMMISSIONER OF AGRICULTURE


This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.


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


License No.: **LS5291**  
 Expiration Date February 28, 2025

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

MANUEL G VERA JR  
 13960 SW 47TH ST  
 MIAMI, FL 33175-4404

  
 WILTON SIMPSON  
 COMMISSIONER OF AGRICULTURE


This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.


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

License No.: **LS5266**  
 Expiration Date February 28, 2025

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

MARK R SOWERS  
 9752 FLEMING GRANT RD.  
 MICCO, FL 32976

  
 NICOLE "NIKKI" FRIED  
 COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

## State of Florida Department of State

I certify from the records of this office that MANUEL G. VERA & ASSOCIATES, INC. is a corporation organized under the laws of the State of Florida, filed on April 27, 1977.


The document number of this corporation is 534958.

I further certify that said corporation has paid all fees due this office through December 31, 2024, that its most recent annual report/uniform business report was filed on January 12, 2024, and that its status is active.

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

*Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capital, this  
the Twelfth day of January, 2024*



  
Secretary of State

Tracking Number: 4000366212CC

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

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>



## RFQ # PSPW-23-20 - CCNA Continuing Services for Citywide Professional Architectural, Engineering, Surveying and Mapping

Awarded Discipline(s)	
<b>A - General Civil &amp; Env. Eng.</b>	<b>G - Landscape Architecture</b>
<b>E - Land Surveying</b>	

City of Pembroke Pines Standard Rates Effective January 1, 2026			
Labor Category	Description	UOM	Rates
Principal for Discipline(s) A, D & I: <i>A - General Civil and Environmental Engineering Services</i> <i>D - Structural Engineering Services</i> <i>I - FDOT Roadway Engineering Services</i>	Corporate Officer, Department Head or Practice Manager with PE License	Hour	\$ 295.00
Principal Surveyor for Discipline(s) E: <i>E - Land Surveying Services</i>	Corporate Officer, Department Head or Practice Manager with PSM License	Hour	\$ 300.00
Principal Landscape Architect or Hydro-Geologist for Discipline(s) G & H: <i>G - Landscape Architecture Services</i> <i>H - Hydro-Geological Services</i>	Corporate Officer, Department Head or Practice Manager with PE or PG License	Hour	\$ 295.00
Engineer IV	20+ years experience as a Licensed PE	Hour	\$ 250.00
Engineer III	15-20 years experience as a Licensed PE	Hour	\$ 225.00
Engineer II	8-14 years experience as a Licensed PE	Hour	\$ 200.00
Engineer I	4-8 years experience as a Licensed PE	Hour	\$ 175.00
Engineer Intern	Graduate with BS Degree in Engineering with Engineering Intern (EI) Certificate	Hour	\$ 145.00
Engineer Assistant	Graduate with BS Degree in Engineering without Engineering Intern (EI) Certificate	Hour	\$ 125.00
Engineering CADD III	Engineering CADD Technician with 10+ Years Experience	Hour	\$ 130.00
Engineering CADD II	Engineering CADD Technician with 5-9 Years Experience	Hour	\$ 120.00
Engineering CADD I	Engineering CADD Technician with 0-4 Years Experience	Hour	\$ 110.00
Administrative	Clerical Assistance	Hour	\$ 75.00
Environmental/Scientist III	15-20 years experience with a Bachelor's degree in Environmental Science or a related field	Hour	\$ 220.00
Environmental/Scientist II	8-14 years experience with a Bachelor's degree in Environmental Science or a related field	Hour	\$ 170.00
Environmental/Scientist I	4-8 years experience with a Bachelor's degree in Environmental Science or a related field	Hour	\$ 140.00
Surveyor III	15+ years experience as a Licensed PSM	Hour	\$ 200.00
Surveyor II	8-14 years experience as a Licensed PSM	Hour	\$ 170.00
Surveyor I	4-8 years experience as a Licensed PSM	Hour	\$ 150.00
Surveyor in Training	Graduate Surveyor with Fundamentals of Surveying (FS) Certificate	Hour	\$ 100.00
Survey CADD III	Survey CADD Technician with 10+ Years Experience	Hour	\$ 125.00
Survey CADD II	Survey CADD Technician with 5-9 Years Experience	Hour	\$ 115.00
Survey CADD I	Survey CADD Technician with 0-4 Years Experience	Hour	\$ 100.00
Survey Crew - 3 Man	Three-person traditional and/or GPS survey crew with vehicle and equipment costs included.	Hour	\$ 240.00
Survey Crew - 2 Man	Two-person traditional and/or GPS survey crew with vehicle and equipment costs included.	Hour	\$ 165.00
Survey Crew with Laser Scan	Lazer Scanner survey crew; manpower as required.	Hour	\$ 300.00



## RFQ # PSPW-23-20 - CCNA Continuing Services for Citywide Professional Architectural, Engineering, Surveying and Mapping

Awarded Discipline(s)	
<b>A - General Civil &amp; Env. Eng.</b>	<b>G - Landscape Architecture</b>
<b>E - Land Surveying</b>	

City of Pembroke Pines Standard Rates Effective January 1, 2026			
Labor Category	Description	UOM	Rates
Sub-Surface Utility Locations	Below ground utility excavation and location information	Day	\$ 1,700.00
Landscape Architect IV	20+ years experience as a Registered Landscape Architect (RLA)	Hour	\$ 250.00
Landscape Architect III	10-20 years experience as a Registered Landscape Architect (RLA)	Hour	\$ 180.00
Landscape Architect II	5-10 years experience as a Registered Landscape Architect (RLA)	Hour	\$ 150.00
Landscape Architect I	1-5 years experience as a Registered Landscape Architect (RLA)	Hour	\$ 135.00
Landscape Architecture Assistant	Graduate with a Degree in Landscape Architecture without passage of the Landscape Architecture Registration Examination (LARE)	Hour	\$ 110.00
Designer/CADD III	Landscape Architecture/CADD Designer with 10+ Years Experience	Hour	\$ 130.00
Designer/CADD II	Landscape Architecture/CADD Designer with 5-10 Years Experience	Hour	\$ 130.00
Designer/CADD I	Landscape Architecture/CADD Designer 1-5 Years Experience	Hour	\$ 130.00

**Notes:**

**Reimbursable Expenses** - Please see Section 3.16 regarding Reimbursable Expenses.

**Sub-Consultant Rates** - Sub-Consultant labor rates are not established by this rate sheet. All Sub-Consultant rates shall be submitted with each Work Order for the CITY's review and written approval prior to issuance and acceptance of the applicable Work Order.

**Additional Positions or Services:** Positions or services within the disciplines awarded under this Agreement that are not specifically listed in this rate sheet may be proposed on a Work Order-specific basis and shall be subject to the CITY's review and written approval prior to issuance and acceptance of the applicable Work Order.