



**CCNA CONTINUING PROFESSIONAL SERVICES AGREEMENT**  
**CITYWIDE PROFESSIONAL ARCHITECTURAL, ENGINEERING, SURVEYING**  
**AND MAPPING BETWEEN THE CITY OF PEMBROKE PINES AND**  
**CARNAHAN, PROCTOR AND CROSS, 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

**CARNAHAN, PROCTOR AND CROSS, INC.**, a For Profit Corporation as listed with the Florida Division of Corporations, with a business address of **814 South Military Trail, Deerfield Beach, Florida, 33442** (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 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
------	---

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

CONSULTANT	<b>Gregory Proctor, PE, President</b> <b>Carnahan, Proctor And Cross, Inc.</b> <b>814 South Military Trail,</b> <b>Deerfield Beach, Florida 33442</b> <b>E-mail: GProctor@cpc-eng.com</b> <b>Telephone No: (954) 972-3959</b>
------------	--

**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:

\_\_\_\_\_

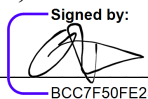
GABRIEL FERNANDEZ, CITY CLERK

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

CHARLES F. DODGE, CITY MANAGER

**CONSULTANT:**

**CARNAHAN, PROCTOR AND CROSS, INC.**

Signed By:  \_\_\_\_\_  
BCC7F50FE25A4A8...

Printed Name: Gregory Proctor, P.E.

Title: President

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: **CARNAHAN, PROCTOR AND CROSS, INC.**

SIGNED BY:    
 BCC7F50FE25A4A8...

NAME: Gregory Proctor, P.E.

TITLE: President



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.	Carnahan Proctor & Cross (CPC) is pleased to submit this response to your Request for Qualifications for providing the City of Pembroke Pines with continuing services for Transportation and General Civil Engineering Projects. We are prepared to provide the depth of experienced personnel necessary for each assignment. This contract presents an extraordinary opportunity to provide alternative and multiple design solutions for your projects. We always produce the most cost-efficient plans with the lowest feasible construction costs. We provide ways to add value, avoid conflicts, and reduce construction costs while simultaneously maintaining constructability, enhancing the overall system, and reducing future efforts. We are committed to the highest level	
1.0.2	Describe the size of your firm.	CPC is a multi-disciplined firm, and we maintain in-house divisions with a team of 85, including registered and licensed Professionals Engineers (PE) and (PTOE), Professional Surveyors (PSM) who focus on design, land planning, transportation/traffic engineering and studies, civil engineering, construction management, and construction engineering and inspection (CEI) services, Surveyors (PSM), geomatics/surveying & mapping 3D laser scanning & modeling, drone services, subsurface utility engineering (SUE) and other design services.	
1.0.3	Describe your firm’s financial history, strength and stability.	For over 45 years in Broward County, CPC has demonstrated our financial soundness and history of meeting financial obligations. CPC has a proven history of positive cash flow, minimal expense growth, and fast payable and receivable turnaround time. CPC is currently not in any mergers, litigations, or bankruptcy courts. CPC has never lost or been removed from any government projects due to non-performance or negative reviews. CPC certifies that the firm has never been disbarred or suspended from bidding on a procurement project by any government. The firm and staff principals have never declared bankruptcy, reorganized under Chapter 11, or been put into receivership. There are no criminal convictions and convictions of the firm or its	

1.0.4	Describe your firm's range of activities.	CPC is a multi-disciplined engineering, surveying, and construction management firm with established departments of in-house civil engineering, transportation/traffic engineering, construction engineering and inspection (CEI) services, land planning, construction management, and geomatics/surveying & mapping 3D laser scanning & modeling, drone services, subsurface utility engineering (SUE) and GIS services. Any other services that may be necessary will be provided by our hand-selected team of locally established sub-consultant firms.	
1.0.5	Describe the specialized experience and technical competence of the firm or persons with respect to working on similar projects	Our Project Manager for this contract will be Bill Barbaro, PE, who has extensive experience working with Pembroke Pines staff as well as South Broward Drainage District (SBDD), Broward County regulatory agencies as well as all applicable agencies having jurisdiction necessary to scope, price, execute and deliver any projects assigned through this contract. Roadway & Traffic Expertise: Mohan Gopalakrishna, PE, PTOE, Senior Traffic/Transportation Manager: With over 31 years of experience, Mohan offers in-depth knowledge of traffic operations, safety studies, signal design, and more. He has successfully managed traffic reviews for numerous Broward County municipalities and tackled projects like DRCs, LUPAs, and Safety	
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	Our Project Manager, Bill Barbaro, PE, and all other department leaders possess over 20-40 years of engineering consulting experience in Broward County. Bill fully understands the requirements of the ASCE-24-05 Flood Resistant Design and Construction Manual. This document was made a part of the Florida Building Code and is enforced by the Broward County EPGMD regarding finish floor elevations for projects within HVHZ zones and those with V Zones and Coastal A Zones. Bill issues a copy of this document to every engineer on our team as well as Architects and clients to help educate them on the requirements and impacts this may have on a project.
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.	Located in Broward County, CPC has performed engineering, surveying, and construction management services within the City of Pembroke Pines for over 25 years. Our team has intimate knowledge and familiarity with the City's infrastructure, procedures, codes, preferences, and challenges. CPC has an excellent working relationship and the highest level of respect for the City of Pembroke Pines Staff, including John England, P.E., Karl Kennedy, P.E., and Michael Bailey, P.E. which we have worked closely with in the development of some of the most significant developments within the City of Pembroke Pines. We believe this familiarity and our ability to open and direct dialog with the City staff set us apart. CPC currently performs	

1.0.8	Explain the availability and access to the firm's top level management personnel.	<p>Our Project Team, including our top-level management personnel, will be readily available at the NTP and are committed to the success of all projects under this contract. We offer the City great value by utilizing our cross-trained staff for dual role positions as manager and Engineer of Record. Bill Barbaro, PE, a Vice President, will serve as Project Manager for this contract and will ensure that all CPC project staff and CPC sub-consultants are fully informed of any Guidelines that arise under this contract. Based on CPC's current and projected backlog, our staff is operating at approximately 60 to 70% firm-wide utilization, and our personnel is ready and available immediately to take on this contract.</p>	
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.	<p>Detailed information on each team member's applicable qualifications, education, experience, honors and awards received, and professional associations are listed under the SF330 forms. CPC has consistently ranked among the Top Engineering Firms in South Florida; given our long history, we have compiled a list of the honors and awards we have received as a firm, which is also listed in the "Additional Information" section of the RFQ.</p> <p>*"Outstanding Major Project" 2019 American Council Of Engineering (ACEC) of Florida: \$59M construction project on State Road (SR) 977/Krome Avenue from SR 94/SW 88 Street/Kendall Drive to the north of SR 90/SW 8 Street/Tamiami Trail in Miami-Dade County.</p>	
1.0.10	<p>Identify which of the nine Professional Service Discipline(s) you are applying for:</p> <ul style="list-style-type: none"> <li>a. General Civil and Environmental Engineering Services,</li> <li>b. MEP Engineering Services,</li> <li>c. Geotechnical Services,</li> <li>d. Structural Engineering Services,</li> <li>e. Land Surveying Services,</li> <li>f. General Architectural Services,</li> <li>g. Landscape Architecture Services,</li> <li>h. Hydro-Geological Services,</li> <li>i. FDOT Roadway Engineering Services</li> </ul>	CPC is applying for a. General Civil and Environmental Engineering Services and e. Land Surveying Services	
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.	<p>CPC was awarded multiple projects with Broward County, based upon our knowledge of and experience in the Broward County and Civil Engineering industry standards. CPC has been a Broward-based Engineering and Surveying firm for over 45 years. We work in Broward and Miami-Dade counties, with some of Florida's most stringent design standards due to hurricane exposure, low elevations, tidal conditions, and varying groundwater conditions. The CPC Engineering Team, led by Bill Barbaro, PE, is also highly knowledgeable in SFWMD, FDEP, ACOE, and Health Department standards and requirements. Many of these have changed in recent years.</p>	

1.0.12	What is your reputation compared to your peers in the market?	<p>CPC is recognized consistently as one of the top engineering firms in Florida.</p> <p>We are the Engineer's Engineering Firm. Our Executive Team comprises practicing Professional Engineers who stay current in our craft by working on projects, mentoring staff, and working with local and national engineering and public works associations, including ASCE, FES, AWWA, and AWWA.</p> <p>We are well respected in the industry both by our clients and peers. We continually strive to excel, utilizing the latest technologies within the industry to work more efficiently. Still, at CPC, we always remember to verify the core engineering, science, and mathematical laws behind the software. Our reputation allows us to rank higher than our peers within the industry.</p>	
1.0.13	What is your reputation like among customers and how have you developed it?	<p>The firm has distinguished itself by developing innovative solutions for complex challenges faced by our public sector in the real estate development, construction, and transportation sectors.</p> <p>Excellent working relationships with our clients have afforded CPC repeated opportunities to partner on market-leading projects.</p> <p>CPC's reputation among our clients is performance-based and rooted in our client's testimonials. By maintaining in-house survey, engineering, CEI, and Construction management services, we are experts in driving a project from concept to as-builts. No matter the scope of work, ownership of the project's success is our #1 core value and our reputation among our Clients.</p>	
1.0.14	How does your service differ from similar competitors'? How do you win and retain business?	<p>CPC has evolved into a mid-size engineering professional services firm in Florida that has grown organically and offers diverse in-house services. Our multidiscipline approach allows our professionals to work side-by-side with our Engineering, construction, transportation, surveying, and geospatial information experts to deliver cost-effective designs and respond effectively. We have transformed and attracted new talent, new niches, and differentiators. As a continuing professional services consultant for cities, counties, and other local governments, we routinely perform design and engineering services in the public sector. Having served as owner's rep and prime consultant, CPC can anticipate challenges from both sides of any development.</p>	

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.	<p>The City will benefit from the same team that has continuously delivered successful projects for clients throughout Broward County.</p> <p>We have assembled a comprehensive team with our subs to provide an extensive list of services as stated in the Scope of Services or that could come into play during this type of contract. We have vast experience working with the Broward County Highway Construction and Engineering Division, Broward County Traffic Engineering Division, the Florida Department of Transportation, SFWMD, USACOE, and all regulatory agencies that may be required to coordinate with on projects under the contract. We stay involved with the Broward MPO and know the Broward County surtax process and project prioritization. The</p>	
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?	CPC currently holds 30 CCNA contracts, of which we currently provide services for 25 Municipalities.	
2.1.2	What similar or related projects have you worked on within the past three years?	•BROWARD COUNTY LIGHTING AND SIDEWALK IMPROVEMENTS •BROWARD COUNTY WILES ROAD PLANS REVIEW •FDOT D4 US 1 PORT SALERNO •FDOT D4 SAMPLE ROAD/ATLANTIC AVE IMPROVEMENTS •FDOT D6 57TH AVENUE IMPROVEMENTS •FDOT D4 SR 70 ROADWAY IMPROVEMENTS •FDOT D4 SR 60 ROADWAY IMPROVEMENTS •FDOT D4 ORANGE AVENUE IMPROVEMENTS •FDOT D4 JENKINS ROAD IMPROVEMENTS •FDOT D4 ANDREWS AVENUE IMPROVEMENTS •FDOT D6 KROME AVENUE SOUTH GROUPING •FLORIDA TURNPIKE MAINLINE INDIAN RIVER	
2.1.3	What challenges did you face and how did you overcome them?	i. Identify right of way (ROW) and corner clip needs early in the design phase, so ROW acquisition can be started early. On most 3R Projects, CPC staff has avoided acquiring ROW. ii. Minimizing Traffic Impacts. CPC staff has been instrumental in developing the Temporary Traffic Control Plan (TTCP) to include off-peak construction hours based on lane closure calculations. Proactive coordination with FDOT and local municipalities is necessary to obtain approval for temporary lane closures and nighttime lane closures. CPC staff has avoided lane closures during special events. Nighttime construction was also avoided where residences are close by. CPC's TTCP plans focus on providing safety to all	
2.1.4	How many of your clients are repeat clients?	80%	
2.1.5	How much of your revenue is derived from managing projects similar to ours?	40-50% of the company's annual revenue comes from engineering services for Municipal Clients.	
Reference #1: Reference Contact Information			
2.2.1	Name of Firm, City, County or Agency	Bergeron Properties Inc.	
2.2.2	Address	19612 SW 69th Place, Pembroke Pines, FL 33332	
2.2.3	Contact Name	Lonnie Bergeron	
2.2.4	Contact Title	Executive Vice President	



2.2.5	Contact E-mail Address	<a href="mailto:lonniel@gate.net">lonniel@gate.net</a>
2.2.6	Contact Telephone #	954-680-0223
<b>Reference #1: Project Information</b>		
2.3.1	Name of Contractor Performing the work	Carnahan, Proctor & Cross, Inc
2.3.2	Name and location of the project	Bergeron Park of Commerce North and Bergeron Park of Commerce South, Pembroke Pines, FL
2.3.3	Nature of the firm's responsibility on the project	Engineer of Record, Surveyor and Land Planning
2.3.4	Project duration	Multiple Projects opened, closed with a number currently ongoing spanning over 25 years.
2.3.5	Completion (Anticipated) Date	Ongoing
2.3.6	Size of project	156 acres Bergeron Park of Commerce South, 126 acres – Bergeron Park of Commerce North.
2.3.7	Cost of project	\$640,000
2.3.8	Work for which staff was responsible	Stormwater management, paving, grading & drainage design, water and sewer, utility design, construction management and overall project management.
<b>Reference #2: Reference Contact Information</b>		
2.4.1	Name of Firm, City, County or Agency	City of Dania Beach
2.4.2	Address	100 W Dania Beach Boulevard, Dania Beach, FL 33004
2.4.3	Contact Name	Dincer Akin Ozaydin, PE, GC
2.4.4	Contact Title	Public Services Deputy Director/City Engineer
2.4.5	Contact E-mail Address	<a href="mailto:dozaydin@daniabeachfl.gov">dozaydin@daniabeachfl.gov</a>
2.4.6	Contact Telephone #	954-924-6800 X3617
<b>Reference #2: Project Information</b>		
2.5.1	Name of Contractor Performing the work	Carnahan, Proctor & Cross, Inc
2.5.2	Name and location of the project	Dania Beach, FL
2.5.3	Nature of the firm's responsibility on the project	CPC designed Multimodal enhancements within the City of Dania Beach that are located in the South-East, North-West and North-East areas of the City of Dania Beach. This project included improvements such as enhanced sidewalks, curbing, concrete sidewalks, milling and resurfacing, raised intersections and flashing solar-powered LED traffic signs. This project is unique in which the Client preferred nonstandard products such as textured pavement and "liquid" detectable warning. The project also involved coordination with FDOT in regard to the LAP requirements. CPC prepared LAP documentation including project completion Check List, Maintenance Maps, R/W certification, environmental documentation, and Bid
2.5.4	Project duration	270 calendar days
2.5.5	Completion (Anticipated) Date	On Time

2.5.6	Size of project	0.65 Miles
2.5.7	Cost of project	\$85,000
2.5.8	Work for which staff was responsible	Pedestrian crossing enhancement and ADA compliance, New sidewalk additions for continuity, Pedestrian ramps improvements to ADA compliance, Solar Powered pedestrian signals, New mast arms, Swales modifications, Roadway resurfacing and striping at selected locations, Stamped asphalt intersections in select locations.
<b>Reference #3: Reference Contact Information</b>		
2.6.1	Name of Firm, City, County or Agency	City of Deerfield Beach, CRA
2.6.2	Address	150 NE 2nd Avenue, Deerfield Beach, FL 33441
2.6.3	Contact Name	Mark DiMascio
2.6.4	Contact Title	CRA Capital Project Manager
2.6.5	Contact E-mail Address	<a href="mailto:MDiMascio@deerfield-beach.com">MDiMascio@deerfield-beach.com</a>
2.6.6	Contact Telephone #	(954)952-0221
<b>Reference #3: Project Information</b>		
2.7.1	Name of Contractor Performing the work	Carnahan, Proctor & Cross, Inc
2.7.2	Name and location of the project	A1A, N. Ocean Drive, Streetscape Improvements, Deerfield Beach, FL
2.7.3	Nature of the firm's responsibility on the project	As part of our continuing engineering services contract with the City of Deerfield Beach, CPC is coordinating with public agencies and utility providers on the location and design of new lighting, streetscape improvements, and utility undergrounding along a densely populated one-mile stretch of N. Ocean Drive near the Deerfield Beach International Fishing Pier, known as the "S-Curve Project."  CPC is designing construction plans, grading, and paving plans for brick paver sidewalks, signage and striping plans, landscape design, and irrigation system modification. Street lighting will be permitted through the Florida Fish and Wildlife Conservation Commission to ensure the design is "sea
2.7.4	Project duration	Ongoing
2.7.5	Completion (Anticipated) Date	2023
2.7.6	Size of project	Approximately one-mile within heavily traveled tourist district of Deerfield Beach
2.7.7	Cost of project	\$233,750
2.7.8	Work for which staff was responsible	Improved pedestrian connectivity through tourist/commercial hub, Improvements for aesthetics and appearance, Upgraded Turtle-Friendly LED Lighting, Undergrounding Overhead Utilities
<b>Reference #4: Reference Contact Information</b>		
2.8.1	Name of Firm, City, County or Agency	City of Oakland Park

2.8.2	Address	200 Goolsby Blvd. Deerfield Beach, FL 33442
2.8.3	Contact Name	5399 N. Dixie Highway, Suite 3, Oakland Park, FL 33334
2.8.4	Contact Title	Director of Engineering and Building Services
2.8.5	Contact E-mail Address	<a href="mailto:Brynt.Johnson@Sanfordfl.gov">Brynt.Johnson@Sanfordfl.gov</a>
2.8.6	Contact Telephone #	407.688.5085
<b>Reference #4: Project Information</b>		
2.9.1	Name of Contractor Performing the work	Carnahan, Proctor & Cross, Inc
2.9.2	Name and location of the project	Oakland Park
2.9.3	Nature of the firm's responsibility on the project	CPC provided Construction Engineering and Inspection (CEI) services to the City of Oakland Park for Andrews Avenue improvements, from Oakland Park Boulevard to Prospect Road. This was an FDOT Local Agency Participation (LAP) project. Improvements included landscape and irrigation in medians, installation of new bike lanes, mid-block crossings for pedestrians, existing lighting upgrades to LED, and new sidewalks. This important thoroughfare is now more functional and safer for motorists, bicyclists, and pedestrians, including for wheelchairs and baby strollers. This project was a collaboration between the Broward MPO, Broward County and the City.
2.9.4	Project duration	1 Year
2.9.5	Completion (Anticipated) Date	2019
2.9.6	Size of project	2 miles
2.9.7	Cost of project	\$222,888
2.9.8	Work for which staff was responsible	Removal of the dangerous bi-directional turn lane, Installation of landscaped medians with native vegetation, Installation of additional landscaping within the right-of-way. New irrigation system, Installation of bike lanes with a green surface treatment, New mast arms, Additional street lighting, Sidewalk, driveway and curbing restoration, Drainage installation and repairs, Roadway resurfacing and striping, Stamped asphalt intersections in select locations, A mid-block crossing north of NW 39th Street
<b>Reference #5: Reference Contact Information</b>		
2.10.1	Name of Firm, City, County or Agency	City of Coral Springs
2.10.2	Address	9500 W. Sample Rd Coral Springs, FL 33065
2.10.3	Contact Name	Julie Krolak
2.10.4	Contact Title	Director of Development Services
2.10.5	Contact E-mail Address	<a href="mailto:jkrolak@coralsprings.gov">jkrolak@coralsprings.gov</a>

2.10.6	Contact Telephone #	954-344-1158	
Reference #5: Project Information			
2.11.1	Name of Contractor Performing the work	Carnahan, Proctor & Cross, Inc	
2.11.2	Name and location of the project	West Atlantic Blvd, Lakeview Dr, Coral Ridge Dr, Royal Palm Blvd, and West Sample Rd.	
2.11.3	Nature of the firm's responsibility on the project	CPC Selected for Basis of Design of "Everglades Loop" for the City of Coral Springs. The city selected CPC to begin a Basis of Design (BOD) and Conceptual Plans for a 10.2-mile pathway for biking, walking, and running that will connect Coral Springs' western edges to the Everglades Conservation Levee. This loop is located within the City of Coral Springs bounded by Sawgrass Expressway to the west, Wiles Road to the north, Stranahan River to the south, and various FDOT, and City owned roadways and private properties form the eastern boundary of this proposed loop.	
2.11.4	Project duration	Ongoing / Study/Concept plan to be completed – Feb 2024	
2.11.5	Completion (Anticipated) Date	Feb 2024	
2.11.6	Size of project	10.7 miles	
2.11.7	Cost of project	\$16.4M	
2.11.8	Work for which staff was responsible	CPC – Basis of Design Report and Concept Plans. Project not designed yet. City is looking for Sun Trail grant funding and possibly Surtax Funds.	
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.	<p>•CPC is aware that these contracts often produce simultaneous work orders with short turnaround times. As a result of CPC’s extensive experience with municipal continuing services contracts, we have developed a strong project management/staff coordination structure designed to ensure systematic, timely progress on the assigned work orders. This system is designed to ensure adequate and experienced staff, continuous progress monitoring during the work, and immediate aggressive coordination to identify and resolve outstanding issues that may cause delay, promoting timely completion of work orders. We assembled a strong and redundant Team that can accommodate the numerous and potentially simultaneous work orders the City’s staff, specifically Bill Barbaro, P.E., have worked side-by-side with the City’s Engineering, Planning, and Building Department staff to develop new projects and modify existing project sites within the City of Pembroke Pines for decades. For this reason, CPC is intimately aware of the City’s Current Land Development Codes, Engineering Codes, Standard Details, and processes. Bringing CPC on board as your General Civil Engineering Consultant will be a seamless transition. We have been waiting for this opportunity. In addition, the CPC team has an equal level of experience, contacts, and relationships with the local, state, and federal agencies that will review and approve the projects we will be performing under this scope of work</p>	
3.0.2	Please address your familiarity and understanding of the needs of the current compliance with City Standards, Codes and Engineering Standards.	<p>•CPC is experienced in maintaining effective communications and coordination with all parties, including permitting agencies and utilities.</p> <p>•Regulatory Agency Coordination: With over 40 years of engineering and permitting experience in Broward County and Florida, CPC is a leader in efficient and successful regulatory permitting for design projects of all scopes and sizes. We maintain strong working relationships with regulatory agencies at the local, state, and federal levels and have a deep understanding of the specific criteria and regulations established and enforced by each of these agencies. We understand the importance of agency coordination early in a project’s planning phase to</p>	
3.0.3	Please address your familiarity with Engineering Permitting and Preparing Studies and Miscellaneous Designs in regards to similar projects.		

3.0.4	Please clearly describe all aspects of the project proposed. Include details of your approach and work plans.	<ul style="list-style-type: none"><li>•Managing individual work Orders (WOs): Prior to any work beginning, the CPC Team will develop detailed work plans for all major activities. The work plan will include schedules, budgets, deliverables, and quality control requirements. We will maintain effective project control through this structured project management plan. CPC PM will manage and direct the activities of all support staff for each task assignment.</li><li>•Maintaining positive float in the design schedule, CPC takes a proactive approach to schedule management by contacting the City's PM to redefine the schedules and identify unnecessary items. This helps eliminate negative float if encountered and meets Final Submittal Dates.</li><li>•Maintaining and managing</li><li>•Ensuring projects are not delayed or over budget.</li><li>•Innovative Problem-Solving Techniques: CPC has significantly advanced project management-related technologies to provide the City with an effective and efficient project management system. A matrix to keep a record of activities and timelines will help the team to better coordinate and administer the project in different areas, among others, will include UWS and utility agencies coordination and meetings, permit monitoring, shop drawings submittals, pre-construction and pre-activity meetings, material certifications, OJT and DBE compliance, estimates and monthly certifications.</li><li>•CPC regularly uses FDOT Project Solve SharePoint (PSSP), Adobe Acrobat</li><li>•Quality Assurance/Quality Control: Throughout every project, CPC will document the steps to implement the company's policy and procedures for Quality Assurance and Quality Control (QA/QC) for each task from project conception through design and construction. The attention given to this process achieves several objectives; notably, our work products comply with the quality requirements of the City, all work meets a high standard of technical quality for project deliverables, and the occurrence of potential errors and/or omissions is minimized. A significant component of QA/QC is the performance of reviews at appropriate times throughout a project to evaluate the adequacy of materials, documentation processes</li></ul>	
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?		



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?	<p>•By implementing the CPC QA/QC policy and procedures for independent review of milestone deliverables, we can catch mistakes or errors before it is too late. Issues can be addressed quickly and at no additional cost to the client.</p> <p>By implementing these practices into each task or project assigned, CPC can dramatically reduce the number of errors in our work.</p> <p>In the event that an error is found, whether unforeseen or not, CPC has the staff and capacity to address the issue quickly. For a typical Civil Engineering project, CPC utilizes AutoCAD Civil 3D to correct and modify plans quickly. The team is local, and we generally do not overschedule our team members, so there remains that extra time or bandwidth, if necessary, to handle</p>	
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.	<p>CPC will implement a Project Quality Assurance/Quality Control (QA/QC) Management Plan for each project assigned under this contract.</p> <p>Project Quality Assurance/Quality Control (QA/QC) Management Plan: The Project Quality Assurance/Quality Control (QA/QC) Management Plan will be incorporated into every activity and function of this project to ensure every deliverable received by the City of Pembroke Pines by the Carnahan, Proctor, and Cross, Inc. (CPC), and it's subconsultants are seamless for review and adhere to the current City Standards and Specifications. The QA/QC process will verify that original design assumptions, scope, and schedule are illustrated clearly and consistent with</p>	
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.	CPC is committed to meeting the City's project-specific budget requirements. This will be accomplished by establishing realistic project scope and schedule, based on CPC's experience and understanding of the current market, to avoid costly redesigns and potential change orders.	
4.1.2	Please advise if your firm is willing to meet the stated budget requirements.	Yes	
4.1.3	What percentage of your completed projects have had cost overruns?	CPC is committed to establishing sound partnerships with our municipal clients in helping to minimize cost overruns by establishing realistic project scope and budgets from a project's inception to avoid scope creep and cost overruns.	
4.1.4	Tell me about a time when you went over budget. How did you handle the situation?	CPC maintains rigorous internal administrative procedures and systems to monitor the labor utilization and financial expenditures of each project to avoid budget overruns. The internal systems enable our Project Manager to evaluate the budget and schedule throughout the project. In the event of a budget overrun, our Project Manager will work to develop a resolution to bring the project within budget upon completion.	
4.1.5	What cost-saving measures do you implement at your firm?	By utilizing a dual role of project manager and engineer of record we can reduce project costs by maintaining the latest in engineering software coupled with a highly experienced staff we have honed our craft to maximize the use of budgets and minimize production time. Utilizing electronic deliverables and permitting procedures allows for reduced project costs, travel time, and staff hours.	
4.1.6	Who will be in charge of maintaining the budget on projects?	Senior Project Manager, Bill Barbaro, PE	
4.1.7	How many accounts is this person assigned to at a given time?	While CPC has not established a maximum number of projects per manager, our management and senior-level staff maintain a detailed backlog of work and regularly perform workload leveling evaluations across the firm to maintain consistency in project delivery.	
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.	<p>CPC is fully committed to meeting the City's project-specific time requirements when identified in this agreement. CPC's approach to meeting project-specific time requirements starts with the creation of a realistic and detailed project critical path project schedule using Microsoft Project or Primavera Software to identify critical path tasks and milestones for the project.</p> <p>Review of the project schedule with City staff and project shareholders which may include the residents affected or other municipalities and regulatory agencies is critical to the success of the schedule and project. Often at this point adjustments must be made to the start and duration of tasks to ensure the project-specific deadline is met. This may include starting material</p>	
4.2.2	Please advise if your firm is willing to meet the stated time requirements.	Yes	
4.2.3	What is the average turnaround time for a project that is similar to mine?	<p>CPC is committed to meeting the City's project timeline. Close coordination with staff and regulatory agencies is key to delivering projects on time. CPC's utilizes the latest technology in AutoCAD and MicroStation which allows for plan production, delivery, at a rate above the industry standard. For the example project Widening of NW 208th Avenue, CPC is excited to show the City how we will deliver similar projects ahead of the scheduled 1-year time frame by implementing a project schedule that allows for early due diligence, and coordination with regulatory agencies to identify critical site-specific issues, closer coordination with City Staff the use of a dedicated FTP site for file transfer review and document controls. Our team's size and depth allow for</p>	
4.2.4	What is your average on-time completion rate?	<p>CPC is proud of our track record of delivering projects on time with a 90%-95% completion rate.</p>	
4.2.5	How many projects do your teams typically take on at a given time?	<p>CPC has a depth of resources and can balance multiple projects in varying stages simultaneously. Generally, a team may be working on 5 open projects at a time, but CPC prides itself on our all-hands-on approach to projects. We do not operate in silos from team to team. Across our various offices, we capitalize on the individual talents of our staff and share work and practice workload leveling to ensure we are meeting our schedules and not overloading a team or individual.</p>	

4.2.6	Tell me about a time when the project timeline was delayed. How did you handle the situation?	<p>In our experience project timeline delays have occurred due to unforeseen circumstances including changes in regulatory requirements such as FWC and FDEP, budget cuts or constraints for a project or reliance on shareholders. CPC prides itself in our problem-solving abilities, and in each case with a good project schedule we are able to pivot task and recover project duration and time. For example, on a similar project including utility under grounding and streetscape and lighting improvements, the project required the dedication of easements from property owners along the corridor all but one owner was willing to provide the required easements. By recognizing these easements as a critical path item during planning and</p> <p>Our approach/methodology for design includes a rigorous constructability and quality control review by senior-level engineering and construction management staff to help avoid disputes by reviewing each project through the eyes of the Client and the Contractor. Our design approach is to first understand the Client's wants, needs, budget, and schedule. Our Project Managers serving a dual role as Engineer of Record for the project allowing for key project decisions to be made or recommended to the client based upon experience in the industry. CPC's Construction Management methodology is to establish document control and procedures at the inception of each project. CPC's approach to Construction Management is to be an extension of the</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>Each Project Manager is highly experience in developing critical path project schedules. CPC utilizes Microsoft Project and Primavera software to develop and track project schedules and progress. Each project schedule is built based on client's input, regulatory agencies review schedules, and CPC's in-depth knowledge of the design, permitting, and construction process. Each project proposal or work order starts with a preliminary schedule that may be reviewed and adjusted at the time of contract negotiations. This schedule then grows to a detailed project schedule that may include future phased or critical future tasks beyond the scope of the work order. Accurate and detailed schedule development and</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.	<ul style="list-style-type: none"><li>•BROWARD COUNTY LIGHTING AND SIDEWALK IMPROVEMENTS</li><li>•BROWARD COUNTY WILES ROAD PLANS REVIEW</li><li>•FDOT D4 US 1 PORT SALERNO</li><li>•FDOT D4 SAMPLE ROAD/ATLANTIC AVE IMPROVEMENTS</li><li>•FDOT D6 57TH AVENUE IMPROVEMENTS</li><li>•FDOT D4 SR 70 ROADWAY IMPROVEMENTS</li><li>•FDOT D4 SR 60 ROADWAY IMPROVEMENTS</li><li>•FDOT D4 ORANGE AVENUE IMPROVEMENTS</li><li>•FDOT D4 JENKINS ROAD IMPROVEMENTS</li><li>•FDOT D4 ANDREWS AVENUE IMPROVEMENTS</li><li>•FDOT D6 KROME AVENUE SOUTH GROUPING</li><li>•FLORIDA TURNPIKE MAINLINE INDIAN RIVER</li></ul>	
5.0.2	Current Workload: Describe your current workload.	<ul style="list-style-type: none"><li>•CITY OF OAKLAND PARK CITYWIDE MILLING AND RESURFACING</li><li>•CITY OF OAKLAND PARK LLOYD ESTATES SIDEWALK IMPROVEMENTS</li><li>•CITY OF COCONUT CREEK SOUTH CREEK COMMUNITY IMPROVEMENT</li><li>•CITY OF COCONUT CREEK SAMPLE ROAD SHARED USE PATH</li><li>•CITY OF COCONUT CREEK HILLSBORO REDEVELOPMENT</li><li>•CITY OF CORAL SPRINGS EVERGLADES PEDESTRIAN LOOP</li><li>•CITY OF CORAL SPRINGS SPORTSPLEX IMPROVEMENTS</li><li>•CITY OF DELRAY BEACH ARTIST ALLEY DRAINAGE IMPROVEMENTS</li><li>•FDOT D4 SR 714 MARTIN DOWNS BOULEVARD</li></ul>	
5.0.3	Projected Workload: Describe your projected workload.	<ul style="list-style-type: none"><li>•CITY OF DELRAY BEACH, CEI SERVICES FOR N. SWINTON AVENUE IMPROVEMENTS</li><li>•CITY OF DELRAY BEACH, HISTORICAL SOCIETY SITE IMPROVEMENTS</li><li>•SEMINOLE TRIBE OF FLORIDA, LAKELAND RESERVATION CEI PHASE 4</li><li>•SEMINOLE TRIBE OF FLORIDA, BRIGHTON RESERVATION PHASE 2 DRAINAGE</li><li>•SEMINOLE TRIBE OF FLORIDA, BRIGHTON RESERVATION SPORTS COMPLEX INFRASTRUCTURE</li></ul>	
3 Questions		100.00% Complete	

Question Set 6: Contact Information Form

#	Question	Response	Comment
Company Information			
6.1.1	Company Name	Carnahan, Proctor & Cross	
6.1.2	Company Address	814 S Military Trail, Deerfield Beach, FL 33442	
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	
Primary Contact for the Project			
6.2.1	Contact Name	Bill Barbaro, PE	
6.2.2	Contact Title	Vice President, Engineering Services	
6.2.3	Contact E-mail Address	<a href="mailto:Bbarbaro@cpc-eng.com">Bbarbaro@cpc-eng.com</a>	
6.2.4	Contact Telephone Number	561-512-2752	
Authorized Approver			
6.3.1	Contact Name	Bill Barbaro, PE	
6.3.2	Contact Title	Vice President, Engineering Services	
6.3.3	Contact E-mail Address	<a href="mailto:Bbarbaro@cpc-eng.com">Bbarbaro@cpc-eng.com</a>	
6.3.4	Contact Telephone Number	561-512-2752	
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.	Bill Barbaro, PE	
6.4.2	Contact Title	Vice President, Engineering Services	
6.4.3	Contact E-mail Address	<a href="mailto:Bbarbaro@cpc-eng.com">Bbarbaro@cpc-eng.com</a>	
6.4.4	Contact Telephone Number	561-512-2752	
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.	Daniel Carnahan Consulting Engineers, Inc, (1977), Carnahan and Associates, Inc (1988) Carnahan, Proctor and Associates, Inc (1992), Carnahan Proctor and Cross, Inc, (1998)	
7.1.2	At what address was that business located?	6101 W. Atlantic Blvd, Ste 200, Margate, FL 33063	
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?	No	Project Tasks have not yet been identified
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	ECS Group, LLC (Environmental) and The Chappell Group (Environmental)
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.	N/A	
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).	N/A	
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.	<p>•2019 – Maria Davila vs Odebrecht Construction, Inc The plaintiff filed a Personal Injury lawsuit against Odebrecht Construction, Inc and all parties involved in the project. This case was filed in Florida Dade Court System, Miami-Dade County. CPC was brought in because we performed the construction engineering inspection of the project. The matter was settled.</p> <p>•2019 – Aztec RV Resort Homeowners filed a lawsuit against all involved in the project over a "Construction Defect". CPC was brought in because we performed the design of the project. The case is pending.</p> <p>•2021 – RAR2-20080 West Dixie Highway vs Gables Construction, Inc., Plaintiff filed a lawsuit against all involved in the project over a</p>	
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.	N/A	
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.	<p>*CPC has extensive experience in serving municipalities with continuing services contracts. We have provided professional consulting services to municipalities and local agencies by addressing the needs of their communities and helping them build safer more resilient neighborhoods to work live and play. We serve governmental agencies across Florida on professional services contracts on an as-needed basis. To accomplish projects of this nature, we dedicate a client manager to serve as an extension of your staff to coordinate the planning, engineering, and surveying resources needed. We believe we offer the City a great value by utilizing our cross-trained staff for dual-role positions. Below is a list of municipalities we have</p>	
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	Not Applicable

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	Although CPC is not a minority-owned business M/WBE, we pride ourselves on connecting with and collaborating with minority-owned M/WBE businesses throughout Florida. CPC is committed to continuing to be a supportive partner in the efforts to ensure minority and female-owned firms have the opportunity to obtain work on various projects throughout Florida.
13 Questions		100.00% Complete	



City of Pembroke Pines

**NON-COLLUSIVE AFFIDAVIT**

BIDDER is the

Owner

\_\_\_\_\_  
(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

A handwritten signature in blue ink, appearing to be "C. Carnahan".

Title

President

Name of Company

Carnahan, Proctor & Cross



City of Pembroke Pines

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

## VENDOR INFORMATION FORM

MAIN CONTACT INFORMATION			
Company Name (Legal Name as filed with IRS)	<u>Carnahan, Proctor &amp; Cross, Inc.</u>		
Doing Business As (DBA)			
Primary Business Address	<u>814 S. Military Trail</u>		
	City:	<u>Deerfield Beach</u>	
	State:	<u>FL</u>	Zip: <u>33442</u>
	Country:	<u>United States</u>	
Remit To Address	<u>Same as above</u>		
	City:	<u>Same as above</u>	
	State:	<u>Same as above</u>	Zip: <u>Same as above</u>
	Country:	<u>Same as above</u>	
Order From Address	<u>Same as above</u>		
	City:	<u>Same as above</u>	
	State:	<u>Same as above</u>	Zip: <u>Same as above</u>
	Country:	<u>Same as above</u>	
Foreign Entity (Yes/No)	<u>No</u>		
Telephone Number	<u>954-972-3959</u>		
Primary Company E-mail	<u><a href="mailto:GProctor@cpc-eng.com">GProctor@cpc-eng.com</a></u>		
Fax	<u>954-972-4178</u>		
Website	<u><a href="http://www.cpc-eng.com">www.cpc-eng.com</a></u>		
DUNS	<u>092841485</u>		
Independent Contractor (Yes/No)	<u>No</u>		
Identification Number	SSN:		FID: <u>59-1768002</u>

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.

CONTACT INFORMATION	
Contact Name (First & Last Name)	<u>Gregory Proctor, PE</u>
Description/Title/Position	<u>President</u>
Phone (Voice)	<u>954-972-3959</u>
Phone (Text)	Opt In (Y/N): <input type="checkbox"/>
Fax	<u>954-972-4178</u>
E-mail	<u><a href="mailto:GProctor@cpc-eng.com">GProctor@cpc-eng.com</a></u>



Form **W-9**  
(Rev. December 2014)  
Department of the Treasury  
Internal Revenue Service

## Request for Taxpayer Identification Number and Certification

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

Print or type  
See Specific Instructions on page 2.

**1** Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.

**Carnahan Proctor and Cross, Inc.**

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

**3** Check appropriate box for federal tax classification; check only **one** of the following seven boxes:

- ☐ Individual/sole proprietor or single-member LLC  
☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ \_\_\_\_\_  
**Note.** For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner.  
☐ Other (see instructions) ▶ \_\_\_\_\_
- ☐ C Corporation    ☒ S Corporation    ☐ Partnership    ☐ Trust/estate

**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.)

**814 S. Military Trail**

**6** City, state, and ZIP code

**Deerfield Beach, FL 33442**

Requester's name and address (optional)

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

### 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 Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

**Note.** If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

**Social security number**

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

or

**Employer identification number**

5	9	-	1	7	6	8	0	0	2
---	---	---	---	---	---	---	---	---	---

### 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 on page 3.

**Sign  
Here**

Signature of  
U.S. person ▶

*Donna Hagedorn*

Date ▶

2/09/2022

### General Instructions

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

**Future developments.** Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at [www.irs.gov/fw9](http://www.irs.gov/fw9).

### 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? on page 2.*

By signing the filled-out form, you:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
- Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.



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.

<b>MAIN CONTACT INFORMATION</b>			
<b>Company Name (Legal Name as filed with IRS)</b>	<b><u>Carnahan, Proctor &amp; Cross, Inc.</u></b>		
<b>Doing Business As (DBA)</b>			
<b>Primary Business Address</b>	<b><u>814 S. Military Trail</u></b>		
<b>City:</b>	<b><u>Deerfield Beach</u></b>		
<b>State:</b>	<b><u>FL</u></b>	<b>Zip:</b>	<b><u>33442</u></b>
<b>Country:</b>	<b><u>United States</u></b>		

<b>Organization Background</b>	
<b>Please state the year that you company started its business</b>	<b>1977</b>
<b>Please state the year that your company started providing service under your current business name</b>	<b>1998</b>
<b>What State is your Company Registered In?</b>	<b>Florida</b>

<b>Professional License Information</b>		
<b>License Type</b>	<b>License Number</b>	<b>Expiration</b>
<b>State of Florida Department of Business and Professional Regulation, Board of Professional Engineers</b>	<b>CA2936</b>	<b>Does not Expire</b>
<b>Professional Surveyor and Mapper Business License</b>	<b>LB2936</b>	<b>02/28/2023</b>

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

<b>Please Provide a Summary of your Company and What Services you provide</b>
<p>Carnahan, Proctor and Cross, Inc. (CPC), established in 1977 in Broward County, Florida, we maintain in-house divisions with registered and licensed professionals who focus on providing professional engineering, construction management, construction engineering &amp; Inspection surveying/mapping, land development, traffic &amp; transportation engineering, civil engineering, transportation planning, roadway design, and municipal services for over 40 years in the South Florida region. CPC is currently serving municipalities in Broward County under General Consulting Contract's including municipal support for FDOT LAP projects. CPC's team has professionals with skills and depth of resources to successfully handle any project. CPC's current staff experience allows the firm to be pre-qualified by the Florida Department of Transportation (FDOT) in Work Groups: 3 Highway Design, Group 6 Traffic Engineering and Operations Studies, Group 7 Traffic Operations Design, Group 8 Survey and Mapping, Group 10 Construction Engineering Inspection and Group 13 Planning. Our firm's headquarter is located in Broward County, at 814 S. Military Trail, Deerfield Beach.</p>



City of Pembroke Pines

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

1. This sworn statement is submitted Carnahan, Proctor & Cross, Inc.  
(name of entity submitting sworn statement) whose business address is  
814 S. Military Trail, Deerfield Beach, FL 33442  
and (if applicable) its Federal Employer Identification Number (FEIN) is  
59-1768002. (If the entity has no FEIN, include the Social Security  
Number of the individual signing this sworn statement: \_\_\_\_\_.)
2. My name is Gregory Proctor, PE and my  
(Please print name of individual signing)  
relationship to the entity named above is President.
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

Carnahan, Proctor & Cross, Inc.  
\_\_\_\_\_  
Company

03/18/2022  
\_\_\_\_\_  
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*

---

☐ 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: Carnahan, Proctor & Cross, Inc.

AUTHORIZED OFFICER NAME / SIGNATURE: 



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

Gregory Proctor, PE

Authorized Signer Name

Carnahan, Proctor & Cross, inc.

Company Name



City of Pembroke Pines

**SCRUTINIZED COMPANY CERTIFICATION  
PURSUANT TO FLORIDA STATUTE § 287.135.**

I, Gregory Proctor, PE, on behalf of Carnahan, Proctor & Cross, Inc.,  
Print Name and Title Company Name  
 certify that Carnahan, Proctor & Cross, Inc.:  
Company Name

1. Does not participate in a boycott of Israel; and
2. Is not on the Scrutinized Companies that Boycott Israel list; and
3. Is not on the Scrutinized Companies with Activities in Sudan List; and
4. Is not on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; and
5. Has not engaged in business operations in Syria.

Submitting a false certification shall be deemed a material breach of contract. The City shall provide notice, in writing, to the Contractor of the City's determination concerning the false certification. The Contractor shall have ninety (90) days following receipt of the notice to respond in writing and demonstrate that the determination of false certification was made in error. If the Contractor does not demonstrate that the City's determination of false certification was made in error then the City shall have the right to terminate the contract and seek civil remedies pursuant to Florida Statute § 287.135.

Section 287.135, Florida Statutes, prohibits the City from: 1) Contracting with companies for goods or services in any amount if at the time of bidding on, submitting a proposal for, or entering into or renewing a contract if the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, F.S. or is engaged in a boycott of Israel; and 2) Contracting with companies, for goods or services over \$1,000,000.00 that are on either the Scrutinized Companies with activities in the Iran Petroleum Energy Sector list, created pursuant to s. 215.473, or are engaged in business operations in Syria.

As the person authorized to sign on behalf of the Contractor, I hereby certify that the company identified above in the section entitled "Contractor Name" does not participate in any boycott of Israel, is not listed on the Scrutinized Companies that Boycott Israel List, is not listed on either the Scrutinized Companies with activities in the Iran Petroleum Energy Sector List, and is not engaged in business operations in Syria. I understand that pursuant to section 287.135, Florida Statutes, the submission of a false certification may subject the company to civil penalties, attorney's fees, and/or costs. I further understand that any contract with the City for goods or services may be terminated at the option of the City if the company is found to have submitted a false certification or has been placed on the Scrutinized Companies with Activities in Sudan list or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List.

Carnahan, Proctor & Cross, Inc.  
 Company Name

Gregory Proctor, PE  
 Print Name / Signature

President  
 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.

**Carnahan, Proctor & Cross, Inc.**

COMPANY NAME: \_\_\_\_\_

PRINTED NAME / AUTHORIZED SIGNATURE:  \_\_\_\_\_



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: Carnahan, Proctor & Cross, Inc.

PRINTED NAME / AUTHORIZED SIGNATURE: Gregory Proctor, PE

**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  
**Carnahan, Proctor & Cross, Inc.**  
\_\_\_\_\_  
Contractor / Name of Company

**Gregory Proctor, PE**  
\_\_\_\_\_  
Printed Name and Title of Contractor's Authorized Official  
**02/15/2024**  
\_\_\_\_\_  
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  
**Carnahan, Proctor & Cross, Inc.**  
\_\_\_\_\_  
Contractor / Name of Company

**Gregory Proctor, PE**  
\_\_\_\_\_  
Printed Name and Title of Contractor's Authorized Official  
**02/15/2024**  
\_\_\_\_\_  
Date



**Disclosure of Lobbying Activities**

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352  
(See reverse for public burden disclosure)

<b>1. Type of Federal Action:</b> _____ a. contract b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance	<b>2. Status of Federal Action:</b> _____ Gregory Proctor, PE a. bid / offer / application b. initial award c. post-award	<b>3. Report Type:</b> _____ a. initial filing b. material change  <b>For material change only:</b> Year _____ quarter _____ Date of last report _____
<b>4. Name and Address of Reporting Entity:</b> _____ Prime _____ Subawardee _____ Tier _____, if Known:   <b>Congressional District, if known:</b>	<b>5. If Reporting Entity in No. 4 is Subawardee,</b> Enter Name and Address of Prime:    <b>Congressional District, if known:</b>	
<b>6. Federal Department/Agency:</b>	<b>7. Federal Program Name/Description:</b>  CFDA Number, <i>if applicable</i> : _____	
<b>8. Federal Action Number, if known:</b>	<b>9. Award Amount, if known:</b>  \$	
<b>10. a. Name and Address of Lobbying Registrant</b> <i>(if individual, last name, first name, MI):</i>	<b>b. Individuals Performing Services</b> <i>(including address if different from No. 10a)</i> <i>(last name, first name, MI):</i>	
<b>11. Information requested through this form is authorized by Title 31 U.S.C. Section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to the Congress semi-annually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.</b>	<b>Signature:</b> _____ <b>Print Name:</b> _____ <b>Title:</b> _____ <b>Telephone No.:</b> _____ <b>Date:</b> _____	



## INSTRUCTIONS FOR COMPLETION OF SF-LLL, DISCLOSURE OF LOBBYING ACTIVITIES

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of a covered Federal action, or a material change to a previous filing, pursuant to title 31 U.S.C. section 1352. The filing of a form is required for each payment or agreement to make payment to any lobbying entity 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 a covered Federal action. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a followup report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last previously submitted report by this reporting entity for this covered Federal action.
4. Enter the full name, address, city, State and zip code of the reporting entity. Include Congressional District, if known. Check the appropriate classification of the reporting entity that designates if it is, or expects to be, a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the 1st tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in item 4 checks "Subawardee," then enter the full name, address, city, State and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organizational level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans, and loan commitments.
8. Enter the most appropriate Federal identifying number available for the Federal action identified in item 1 (e.g., Request for Proposal (RFP) number; Invitation for Bid (IFB) number; grant announcement number; the contract, grant, or loan award number; the application/proposal control number assigned by the Federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitment for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, State and zip code of the lobbying registrant under the Lobbying Disclosure Act of 1995 engaged by the reporting entity identified in item 4 to influence the covered Federal action.  
  
(b) Enter the full names of the individual(s) performing services, and include full address if different from 10 (a). Enter Last Name, First Name, and Middle Initial (MI).
11. The certifying official shall sign and date the form, print his/her name, title, and telephone number



City of Pembroke Pines

## LOCAL VENDOR PREFERENCE CERTIFICATION

### SECTION 1 GENERAL TERM

#### LOCAL PREFERENCE

The evaluation of competitive bids is subject to section 35.36 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 local businesses. To satisfy this requirement, the vendor shall affirm in writing its compliance with either of the following objective criteria as of the bid or proposal submission date stated in the solicitation. A local business shall be defined as:

1. "Local Pembroke Pines Vendor" shall mean a business entity which has maintained a permanent place of business with full-time employees within the City limits for a minimum of one (1) year prior to the date of issuance of a bid or proposal solicitation. The permanent place of business may not be a post office box. The business location must actually distribute goods or services from that location. In addition, the business must have a current business tax receipt from the City of Pembroke Pines.

**OR;**

2. "Local Broward County Vendor" shall mean or business entity which has maintained a permanent place of business with full-time employees within the Broward County limits for a minimum of one (1) year prior to the date of issuance of a bid or proposal solicitation. The permanent place of business may not be a post office box. The business location must actually distribute goods or services from that location. In addition, the business must have a current business tax receipt from the Broward County or the city within Broward County where the business resides.

A preference of five percent (5%) of the total evaluation point, or five percent (5%) of the total price, shall be given to the **Local Pembroke Pines Vendor(s)**; A preference of two and a half percent (2.5%) of the total evaluation point for local, or two and a half percent (2.5%) of the total price, shall be given to the **Local Broward County Vendor(s)**.

#### 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

#### LOCAL PREFERENCE CERTIFICATION:

☐ Place a check mark here only if affirming bidder meets requirements above as a Local Pembroke Pines Vendor. In addition, the business must attach a current business tax receipt from the City of Pembroke Pines along with any previous business tax receipts to indicate that the business entity has maintained a permanent place of business for a minimum of one (1) year.

☒ Place a check mark here only if affirming bidder meets requirements above as a Local Broward County Vendor. In addition, the business must attach a current business tax receipt from the Broward County or the city within Broward County where the business resides along with any previous business tax receipts to indicate that the business entity has maintained a permanent place of business for a minimum of one (1) year.

☐ Place a check mark here only if affirming bidder does not meet the requirements above as a Local Vendor.

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

COMPANY NAME: Carnahan, Proctor & Cross, Inc.

PRINTED NAME / AUTHORIZED SIGNATURE: \_\_\_\_\_





Business Tax Office  
150 NE 2nd Ave.  
Deerfield Beach, FL 33441  
Phone: (954) 480-4333  
E-mail: web.btr@deerfield-beach.com



Business Tax Receipt License  
2023 - 2024  
License Number: 2024-463913  
Date Issued: 8/16/2023  
Expires: 9/30/2024

Classification: SURVEYOR SERVICES  
Business Location: 814 S MILITARY TRL DFB 33442  
Service(s): CONSULTING SRVCS(CIVIL,SURVEY)

CARNAHAN, PROCTOR, AND CROSS  
INC  
814 S MILITARY TRL  
DEERFIELD BEACH, Florida 33442

Tax Amount: \$117.60	Add Fees: \$146.35	Penalty: \$0.00	Total Amount Paid: \$263.95
----------------------	--------------------	-----------------	-----------------------------

**Notice:** This tax receipt becomes *NULL* and *VOID* if ownership, business name, or address changed.  
Business owner **must** apply to Business Tax Office for Transfer.

-----  
Detach and retain for your records

- This Business Tax Receipt represents proof of payment of your Business Tax Fee for the period of October 1 to September 30th. Please exercise diligence in maintaining this receipt.
- Once you have obtained a Deerfield Beach Business Tax Receipt, you will be sent a renewal notice each year beginning July 1st, (90 days prior to expiration) to the address listed on the Receipt. Please check all Receipt information and report any errors to us immediately. The City may impose fines and penalties for failure to renew this Receipt.
- Your current Receipt shall be posted so that it is able to be viewed by anyone upon entering your place of business.
- If you change your business name, ownership or location, you must apply for a new Tax Receipt.
- If you have more than one location, you must obtain a Receipt for each location.
- For information on signage regulations, visit the City's website at <http://www.deerfield-beach.com/signage>

### Increase traffic to your business by participating in the City's Recycling Rewards Program!

Residents who recycle on a regular basis are accumulating points to be redeemed for rewards at participating businesses to claim discounts and gift certificates. Participating businesses see increased traffic from this program and those that have a commercial recycling account serviced by the City receive additional rewards.

To learn how to have your business become a Rewards Partner, please contact Recycling Perks at [ifor@recyclingperks.com](mailto:ifor@recyclingperks.com). For informatoin on how to set up a commercial recycling account, contact the City's Recycling Division at 954-480-4454.

This Receipt does not represent an endorsement or certification of the business listed herein by the City of Deefield Beach.

# *State of Florida*

## *Department of State*

I certify from the records of this office that CARNAHAN, PROCTOR AND CROSS, INC. is a corporation organized under the laws of the State of Florida, filed on September 26, 1977.

The document number of this corporation is 547587.

I further certify that said corporation has paid all fees due this office through December 31, 2021, that its most recent annual report/uniform business report was filed on April 13, 2021, 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 Thirteenth day of April, 2021*



*Randy R. Lee*  
**Secretary of State**

Tracking Number: 6408508973CC

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

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

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

B. ARCHITECT-ENGINEER POINT OF CONTACT

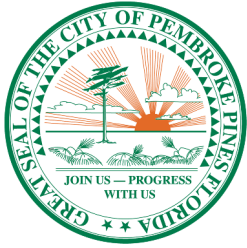
4. NAME AND TITLE Bill Barbaro, PE, VP Engineering Services		
5. NAME OF FIRM Carnahan, Proctor & Cross, Inc.		
6. TELEPHONE NUMBER 561-512-2752	7. FAX NUMBER	8. E-MAIL ADDRESS BBarbaro@cpc-eng.com

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	SUBCONTRACTOR			
a.	✓			Carnahan, Proctor & Cross, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	814 South Military Trail Deerfield Beach, FL 33442	Prime
b.			✓	The Chappell Group <input type="checkbox"/> CHECK IF BRANCH OFFICE	714 E McNab Rd Pompano Beach, FL 33060	Subconsultant
c.			✓	ECS Group <input type="checkbox"/> CHECK IF BRANCH OFFICE	1627 NE 17th Terrace Fort Lauderdale, FL 33305	Subconsultant
d.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
e.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
f.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM	<input checked="" type="checkbox"/> (Attached)
--	--



**City of Pembroke Pines, CCNA Continuing Services for  
Citywide Professional Architectural, Engineering, Surveying & Mapping  
RFQ # PSPW-23-20**



**CITY OF PEMBROKE PINES**  
Project Managers

QA/QC	SENIOR PROJECT MANAGER	PRINCIPAL-IN-CHARGE
Dan Tintner, PE	Bill Barbaro, PE	Greg Proctor, PE

LAND DEVELOPMENT CIVIL SITE/DRAINAGE	STORMWATER MASTER PLANNING	ROADWAY, TRAFFIC & TRANSPORTATION	CONSTRUCTION INSPECTIONS	SURVEYING & UTILITY LOCATES
Bill Barbaro, PE Dan Tintner, PE Thomas McCarthy, PE Craig Marien, PE, LEED AP Robert Pinthieve, PE Terence Castillo, EI Cedonio DaSilva Phil Kean, EI Roman Trestman, EI	Rolando Raymundo, PE, CFM Bill Barbaro, PE Dan Tintner, PE Thomas McCarthy, PE Craig Marien, PE, LEED AP Robert Pinthieve, PE James Rusnak Terence Castillo, EI Cedonio DaSilva	Mohan Gopalakrishna, PE PTOE Daniel Burns, PE David Pocius, PE Craig Marien, PE, LEED AP Terence Castillo, EI Joey Lamaruggine, EI Glen Longos	Herb Tillman, CGC Mike Lorenzo, CGC Dan Tintner, PE Harold Dubon, PE Glenn Bridges, PE Robert Martens David Sandusky Eric Lucas Eduardo Baquero Taqi Haider	Landon "Alfie" Cross, PSM James Quartel, PSM Natasa Ilic, PSM Dalton Proctor (FAA Certified UAV Operator) Jeremy Jones (3D Laser Scanning/BIM Specialist) Jose Pagan Ayala (Subsurface Utility Engineering (SUE) Paul Campbell, CST III

**ADDITIONAL STAFF RESOURCES (SPECIALTY SUBCONSULTANTS) AS NEEDED**



ENVIRONMENTAL SERVICES	ENVIRONMENTAL SERVICES
<b><u>The Chappell Group *</u></b> Tyler Chappell	<b><u>ECS Group *</u></b> Marisa Mangrino




Environmental  
Consulting  
Services Group

**\*(SBE/DBE/MWBE'S)**




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

	12. NAME <b>William Barbaro, PE</b>	13. ROLE ON THIS CONTRACT <b>Senior Project Manager</b>	14. YEARS EXPERIENCE	
			a. Total <b>22</b>	b. With Current Firm <b>8</b>
15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc., Deerfield Beach, Florida</b>				
16. EDUCATION (Degree and Specialization) <b>BS Civil Engineering, Florida State University, 2001</b>			17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>Professional Engineer, Florida Registration No. PE64761</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)				
<p>Mr. Barbaro possesses over 22 years of experience in land development, master planning, roadway design, the design of infrastructure utilities, computer modeling, permitting, project management, &amp; construction services focused on projects for both private and municipal sector clients. Responsibilities included dual roles as both PM, &amp; Sr Civil Engineer, for projects including large-scale residential and mixed-use land development, large-scale earthwork projects, water main, force main, lift station, &amp; stormwater management systems. County, city, &amp; private projects for paving, &amp; drainage design, new &amp; retrofit utility infrastructure improvements. He is adept at preparing project specifications packages, as well as completing construction document packages for bidding.</p>				

## 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Becker Road Extension, Port St. Lucie, Florida</b>	PROFESSIONAL SERVICES 2020-2021	CONSTRUCTION (If applicable) 2021
A	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Senior Project Manager:</b> As the Prime Consultant, CPC provided Roadway planning, Water and Wastewater Infrastructure design, Roadway Design, Surveying and CEI services for the Becker Road Roadway and Utility Extension Project. CPC provided roadway planning for the extension of Becker Road from SW Village Parkway to SW Community Blvd. (over 2 Miles). Provided full design, and permitting of Phase 1 for over a mile of 16" Water main and 12" Force main extensions of the planned Becker Roadway and Utility Extension. The water and force main design included a subaqueous crossing of the primary conveyance canal for the Southern Groves DRI. Successfully permitted project through Port St. Lucie Utility Department, Port St. Lucie, Public Works Department, Stormwater Permitting through, South Florida Water Management District (SFWMD), Environmental Resource Permit (ERP), Storm Water Management Section, and United States Army Corps of Engineers (USACOE). The preparation of 1.15 Miles (Phase 1), of a 2-lane divide urban roadway plans included curb and gutter median and 6-foot sidewalks. The 2 lanes were designed following City of Port St. Lucie criteria. The roadway design provided the required room for future roadway widening that will be required in the future as more development continues. An enclosed drainage system was designed as part of the roadway plans. Close coordination with SFWMD and the City of Port St. Lucie were required to complete the drainage system improvement and installation of new triple 60" Culverts for crossing of the primary conveyance canal for the Southern Groves DRI. Design of the extension of utility mains included a 16" potable water main, 12" sewer force main, 8" reuse water main for irrigation, and a City owned Fiberoptic communication line. CPC managed and facilitated Landscape Architect subconsultant for the design of the proposed roadway landscape and irrigation system with capacity to serve both Phase 1 & 2 of the Roadway extension project.		
B	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Review Services for the Rezoning, Plat, and DRC Site Plan Review for: 101 Acre Dania Pointe Development, Dania Beach, Florida</b>	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Senior Project Manager:</b> As Project Manager and Lead Engineering Reviewer Mr. Barbaro lead Survey, Traffic Engineering, and Civil Engineering staff to serve as an extension of the City's Engineering Department to conduct multiple reviews of Rezoning, Design Development Guidelines (DDG), Survey, Plat, and DRC Site Plan Submittals for the Dania Pointe Project, a 101 acre Planned Mixed Use Development (PMUD) slated for the Construction of nearly 900,000 sq ft. of Big Box, retail, entertainment, and restaurant space. This role require extensive knowledge in State, County and City codes and Standards, and commercial development. Reviews were conducted through concurrent multiple cycles of phased submittals by the developer under an accelerated submittal and review schedule to accommodate this massive development. Based upon the size, density and schedule of the project, the City chose to utilize the cost recovery option as stipulated in the City's code. Mr. Barbaro lead this team to provide timely review comments to the City and applicant's consultants in order to meet stringent deadlines for Planning & Zoning Board and City Commission meetings. As lead engineering reviewer Mr. Barbaro coordinated with the applicant, applicant's team of consultants, as well as county and state regulatory agencies to expedite concurrent reviews for the multi-phase commercial development. Responsibilities also included participation in DRC and City Commission meetings.		
C	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Bergeron Distribution Center - Pembroke Pines, FL</b>	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Sr Project Manager:</b> As Client Manager for BPIC and Engineer of Record for the development of this 178,000 square foot industrial distribution center within the Bergeron Park of Commerce. Developed conceptual site plan and obtained DRC approval for this dock high spec distribution center. Guided multidiscipline team of Architects, Landscape Architects, Civil, Structural and MEP Engineers for development of construction documents. Designed site civil engineering plans, calculations and supporting documentation for water, fire, sewer, paving and drainage construction documents for the Project. Project included stormwater design and modification of master stormwater model for the Bergeron Park of Commerce. Coordination for modification of SFWMD ERP Permit and SBDD development Permit.		
D	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>City of Deerfield Beach, N. Ocean Drive (A1A) S-Curve Utility Undergrounding and Streetscape Improvements. Deerfield Beach, FL</b>	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable) 2023
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Sr Project Engineer:</b> Bill lead the design and coordination of undergrounding of the overhead utilities including FPL, AT&T and Comcast from overhead to underground through this high density section of A1A centered around the Deerfield Beach International Fishing Pier. Bill Coordinated and negotiated on behalf of the City of Deerfield Beach to lock in costs and rates for the overhead conversion with each utility provider to save the City substantial costs. In addition Bill lead his CPC team in providing civil engineering and surveying services to the CRA to design and permit the improvements of the project limits that include approximately 1,500 LF of existing ROW from the intersection of N. Ocean Dr (A1A) & NE 2nd St to N. Ocean Dr & NE 4th Ct. The goals of the CRA include upgrading turtle-friendly lighting that enhances the aesthetics and safety of the corridor in accordance with the City Complete Streets Guidelines and to provide cost-effective design, coordination, and construction services for the undergrounding of overhead utilities.		

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

	12. NAME <b>Dan Tintner, PE</b>	13. ROLE ON THIS CONTRACT <b>QA / QC</b>	14. YEARS EXPERIENCE	
			a. Total <b>42</b>	b. With Current Firm <b>10</b>
15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc., Deerfield Beach, Florida</b>				
16. EDUCATION (Degree and Specialization) <b>B.S. Civil Engineering University of Florida, 1980</b> <b>MBA, University of Houston, 1986</b> <b>Leadership Training: ACEC Senior Executive Institute</b>			17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>Professional Engineer, Florida Registration No. PE39656</b>	


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

Mr. Tintner brings over 40 years of broad experience as a Professional Engineer managing South Florida Transportation, Roadway, Site Development, and Neighborhood Improvement Projects, with a proven track record for successful public-sector client and stakeholder relations and negotiations. His responsibility has included managing roadway and transportation design projects, utility and infrastructure projects, sanitary sewer rehabilitation studies, pump station evaluation studies, downtown redevelopment studies, and stormwater management studies. CTQP: TIN # T353161561760, MOT-Advance Work Zone Traffic Control, CTQP-QC Manager, CTQP-Final Estimates Level 1 and Level 2, CTQP-Asphalt Paving Inspector Level 1 and 2, FDEP Stormwater Inspector

## 19. RELEVANT PROJECTS


	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>City of Margate, Complete Streets Roadway Reconstruction of NW 8<sup>th</sup> Street from NW 67<sup>th</sup> Avenue to NW 69<sup>th</sup> Avenue Oakland Park, Florida</b>	PROFESSIONAL SERVICES 2022	CONSTRUCTION (If applicable)
<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		
	<p><b>Senior Project Manager:</b> Under our Continuing Professional Services Contract with the City of Margate, CPC was selected to perform complete civil engineering design services, surveying, permitting, bidding and post design services for Roadway Reconstruction of NW 8<sup>th</sup> Street between NW 67<sup>th</sup> Avenue to NW 69<sup>th</sup> Avenue. This Complete Streets reconstruction which includes the replacing existing 2" galvanized water main with a new 6" PVC water main &amp; service laterals, valves and fire hydrants. Replacing and/or adjusting existing sidewalks &amp; driveway approaches as needed, new pavement markings, and adjusting existing landscape swales and utility manholes for improved stormwater runoff design. The design will comply with the American Water Works Association (AWWA), Americans with Disabilities Act (ADA), codes, ordinances, rules, orders and other legal requirements of public authorities having jurisdiction.</p>		
<b>B</b>	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>City of Oakland Park, Andrews Avenue Roadway Improvements from Oakland Park to Prospect Road Oakland Park, Florida</b>	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable)
<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		
	<p><b>Senior Project Manager:</b> CPC provided Construction Engineering and Inspection (CEI) services for the Andrews Avenue from Oakland Park to Prospect Road Local Agency Participation (LAP) project. Planned improvements include: landscape and irrigate medians, installation of new bike lanes, mid-block crossings for pedestrians, upgrading existing lighting to LED, new sidewalks in coordination with the County.</p>		
<b>D</b>	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>City of Oakland Park, NW 10<sup>th</sup> Avenue Improvements from NW 38<sup>th</sup> Street to Prospect Road Oakland Park, Florida</b>	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable)
<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		
	<p><b>Senior Project Manager:</b> The project proposes multimodal enhancements in the South-East, North-West and North-East areas located within the City of Dania Beach. CPC will perform Engineering &amp; Design, Surveying, and Mapping Services. CPC has been contracted by the City to engineer the design of the improvements, which include enhanced crosswalks, curbing, concrete sidewalks, raised intersections, and flashing solar-powered LED traffic signs at the project locations.</p>		
<b>F</b>	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>City of Margate, Winfield Park &amp; Lemon Tree Lake, Floating Docks &amp; Wayfinding Margate, Florida</b>	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable)
<b>G</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	<p><b>Senior Project Manager:</b> As part of our continuing engineering services contract with the City of Margate, CPC was tasked with preparing the surveys and civil engineering design for the installation of Floating Docks, ADA sidewalk improvements, and pedestrian-friendly park access at the City's Winfield Park and Lemon Tree Park. The design included a dock support piling system, parking area, pavement markings, and signage for on-street parking. CPC coordinated with a structural engineer and general contractor to confirm the design and weight support for the docks. CPC was also tasked with improving the wayfinding signage for boat access to canals that run throughout the city and connect to multiple city parks. This led to the design of the Margate Blueway Trail Signage Map, which includes 12 physical signs posted at key points in city canals.</p>		

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

	12. NAME <b>Roland Raymundo</b>	13. ROLE ON THIS CONTRACT <b>Senior Project Manager</b>	14. YEARS EXPERIENCE	
			a. Total <b>38</b>	b. With Current Firm <b>1</b>
15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc.</b>				
16. EDUCATION (Degree and Specialization) <b>BS Civil Engineering, Water Resource/Stormwater</b>			17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>Professional Engineer, State of Florida # 45981</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Certified Floodplain Manager – Association of State Floodplain Managers ASCE – Environmental and Water Resource Institute				


## 19. RELEVANT PROJECTS

A	(1) TITLE AND LOCATION (City and State) <b>City of Delray Beach, SW 22nd Ave &amp; SW 29th St Sidewalk Improvements</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES <b>2023</b>		CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm <b>Project Manager:</b> The City of Delray Beach assigned CPC this assignment under our Continuing Engineering and Surveying Consulting Services contract to design and construct approximately 5000 lineal feet of sidewalk improvements on both sides (2500 on each side) of the Roadway to include evaluation of stormwater grading and improvements along SW 22nd Ave. & SW 29th St. The project required engineering services related to sidewalk installation on SW 22nd Ave & SW 29th St between S Congress Ave and the southernmost driveway to the Environment Condos. The intent was to fill in sidewalk gaps and improve pedestrian safety. The plans include 6' sidewalk on one side and 10' recreational path on the other side while taking into account management of existing stormwater runoff. The project included design and construction documents for permitting with the City.			
B	(1) TITLE AND LOCATION (City and State) <b>Seminole Tribe of Florida, Brighton Stormwater Master Plan</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES <b>2023</b>		CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm The Project's scope includes the development of a comprehensive Stormwater Master Plan for the Seminole Tribe of Florida's Brighton Reservation located within Glades County. The Reservation's area is approximately fifty-seven 57-square miles with various land use designations including agricultural, commercial, governmental, communal, educational, residential, and other uses. CPC is currently providing professional services that include surveying, field data collection & GIS, stormwater modeling of existing conditions, stormwater modeling of future conditions without improvements, and stormwater modeling of future conditions with improvements. Responsibilities include providing a project execution plan, attending meetings, and conceptual design of all proposed improvements, cost estimates, and presentations.			
C	(1) TITLE AND LOCATION (City and State) <b>Seminole Tribe of Florida, Lakeland Reservation, Lakeland Trust Infrastructure Development, Phase 1, 2, &amp; 3 Designs, Polk County, FL</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES <b>2023</b>		CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm The Lakeland Trust Land is an approximately 800-acre community has a country feel with abundant water features, trees and other vegetation. CPC has completed the master plan and design for Phase 1. Phase 1 has 47 proposed single family 1.0 acre lots and approximately 10,000 linear feet of roadway. The scope of services includes construction and certification of the stormwater management system, paving, grading and drainage, street lighting, electrical, communications, water and wastewater infrastructure improvements. ICPR models were developed to evaluate the proposed stormwater management system for various rainfall simulations (10yr, 25yr, 50yr and 100yr-1day). CPC followed SWFWMD regulations, which is mandated by the Seminole Tribe of Florida's Environmental Resource Management Department for this location.			
D	(1) TITLE AND LOCATION (City and State) <b>City of Groveland, Community Redevelopment Area Stormwater Master Plan, Groveland, FL</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES <b>2018-2019</b>		CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm <b>Project Manager &amp; EOR:</b> As the Project Manager and EOR, we were contracted by the City of Groveland to prepare a Watershed Study of the City's 13-square mile Community Redevelopment Area (CRA) and the surrounding areas. Project tasks began with a review of existing stormwater facilities, the City's Prioritization related documents, and past flooding complaints. A survey scope was prepared for the computer modeling to identify and collect survey data for all major stormwater structures in the study area. Additional tasks for data collection include drainage basins delineation, field reconnaissance, evaluating sufficiency of existing data, and establishing existing conditions. After data collection the existing condition was prepared using AdICPR computer model to evaluate flood areas within the CRA and to map the 100-year floodplain comparing the results to FEMA's Flood Insurance Rate Maps. Regional solutions were identified within the CRA study area, and a cost estimate was prepared for conceptual solutions. Conceptual solutions were evaluated using results from the modeling to determine the proposed solutions' effectiveness and impact on the 100-year floodplain. Our team evaluated the regional stormwater management system for future downtown redevelopment including the use of low impact design such as shallow bioretention system, pervious pavement, stormwater harvesting, detention with biofiltration and other methods. The final summary report was prepared and submitted to the city including copies of modeling results and GIS information.			
E	(1) TITLE AND LOCATION (City and State) <b>City of Winter Garden, South Dillard Street Complete Street Design, Winter Garden, FL</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES <b>2019-2020</b>		CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm <b>Project Manager &amp; EOR:</b> As the Project Manager and EOR, design plans were completed for the City of Winter Garden to completely renovate South Dillard Street from State Road 50 to Plant Street (approximately 1 mile). Traffic lanes will be reduced from five to three, the centerline will be paved in brick, parking will be increased, bicycle lanes and a 12'-wide multi-use trail will be added, and an entrance gateway built at State Road 50 that leads to downtown Winter Garden. Three roundabouts along the route replace the existing traffic lights to allow traffic to flow smoothly. Plenty of parking has been added along the streets to allow visitors to stop and patronize local shops and restaurants. Permeable pavers, bio-swales, porous asphalt, rain gardens, trees, and planting beds were added to passively reduce stormwater pollutant while providing greenery to the area. A stormwater permit exemption was granted for this project.			

E.RESUMESOFKEYPERSONNELPROPOSEDFORTHISCONTRACT			
	12. NAME <b>Mohan Gopalakrishna, PE, PTOE</b>	13. ROLE ON THIS CONTRACT <b>Senior Traffic/Transportation Manager</b>	14. YEARS EXPERIENCE
			a. Total 31      b. With Current Firm 5
15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc., Deerfield Beach, FL</b>			
16. EDUCATION (Degree and Specialization) <b>Master of Engineering Transportation, University of Florida Bachelor of Engineering Civil Engineering, Bangalore, India</b>		17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>Professional Engineer, Florida 60720</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Gopalakrishna's responsibilities have included traffic operations, safety studies, traffic signal design, signal timings, signing/pavement marking design, & street lighting analysis and design. Mohan's extensive traffic operations experience includes DRC reviews, LUPA reviews, traffic impact studies, Safety Analyses, and capacity Analyses. He's effectively managed traffic reviews for approx. 20 municipalities in Broward County. He's experienced with both FDOT and private clients. His traffic design experience includes widening, 3R, design-build, & 3P projects. In the past three decades, he has managed and designed FDOT roadways. Mohan consistently completes projects on time and within budget.			
19. RELEVANT PROJECTS			
A	(1) TITLE AND LOCATION (City and State) <b>City of Hollywood, Taft Street Crosswalk Study</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2022-Present	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The City desired to evaluate the need and locations for the installation of a designated pedestrian crosswalk and appropriate pedestrian control signs/devices in the vicinity of the Greater Hollywood YMCA Family Center & Rotary Park across Taft St. The study also evaluated other crosswalk locations between N 31st Rd & N 30th Rd (both operating under stop control), where pedestrians are crossing the street. Currently, there are no crosswalks or ADA-compliant pedestrian ramps. However, there are existing continuous sidewalks on both sides of Taft St. The study corridor is Taft St. between N 31st Rd & N 30th Rd (1,250 ft. in length). Taft St is a 3-lane roadway including a center two-way left-turn lane. Broward County Transit (BCT) operates Route 8 fixed-route bus service on this portion of Taft St with three bus stops within the limits. The primary purpose of this project was to conduct a traffic engineering mid-block crossing assessment to enhance the safety of the pedestrians, based on field observations of the pedestrian crossings, safety data assessment, and the evaluation of pedestrian and vehicular traffic volumes during the summer when pedestrian volumes are at its peak. CPC made recommendations to the City on the installation of pedestrian crossings based on meeting pedestrian volume warrants. However, if warrants are not met, the addition of safe pedestrian crossings at N 31st Rd will be evaluated to address the Commissioners' concerns. Before data collection activities, coordination was done with the City's Parks, Recreation & Cultural Arts (PRCA) Department, & Broward County Traffic Engineering Division (BCTED) to determine the best days of the week and times to collect pedestrian and vehicular volumes data.			
B	(1) TITLE AND LOCATION (City and State) <b>City of Dania Beach, SE 2nd Ave ADA Improvements</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2022-Present	CONSTRUCTION (If applicable)
Under our CSC with the City, CPC provided ADA-compliant ramps along SE 2nd Ave between Olsen Middle School (SE 11th Ter.) & Dania Elementary School (N of SE 3rd St). ADA improvements for existing sidewalks along SE 2nd Ave between Olsen Middle School (SE 11th Ter.) & Dania Elementary School (north of SE 3rd St) and connecting the existing sidewalks (N-S orientation) with a mid-block crosswalk (E-W orientation) at the south leg of SE 7th St. & provide a continuous sidewalk network for safe route between the two schools for pedestrians. CPC provided design plans to make the existing ramps ADA-compliant. Design components included Phases 1 and 2, including 100% Plans, submittal, & responses to the City & Broward County Traffic Engineering Division (BCTED) comments as part of the permitting process. CPC obtained scaled aerials from Broward County and included the R/W lines from the Broward County Property Appraiser website. CPC provided ADA-compliant pedestrian ramps and added a note for the contractor to get as close to the 12:1 slope as possible, since it may not be possible with the existing steep slopes at all intersections to avoid drainage impacts. Design connected ADA-compliant pedestrian ramps at all intersections to the existing sidewalk. CPC added additional notes to replace existing asphalt pedestrian ramps with concrete ramps and place yellow detectable warning pads at crossings and ramps. CPC included crosswalks (2-12" white thermoplastic) to align with ADA-compliant ramps to provide positive guidance. CPC coordinated Permitting with BCTED.			
C	(1) TITLE AND LOCATION (City and State) <b>City of Margate, Fire station No.58, Emergency Vehicle Signal on Rock Island Road</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Senior Traffic/Transportation Manager:</b> The project proposes multimodal enhancements in the SE, NW, and NE areas located within the City. CPC performed Engineering & Design, Surveying, & Mapping Services. CPC has been contracted by the City to engineer the design of the improvements, which include enhanced crosswalks, curbing, concrete sidewalks, raised intersections, and flashing solar-powered LED traffic signs at the project locations.			
D	(1) TITLE AND LOCATION (City and State) <b>Broward County, Lighting, Sidewalk, and Stormwater Improvements Project</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE CPC Team provided lighting and sidewalk services to Broward County as a part of their first surtax project for three residential communities, Boulevard Gardens, Roosevelt Gardens, and Washington Park, located within Broward County Municipal Services Districts (BMSD) & Broward County Commission D9. They are located just west of Interstate highway I-95 at exit 29 (Sunrise Blvd). Together, they are roughly bounded North by NW 15th Court, West by Martin Luther King Jr. Ave (NW 31st Ave), South by Broward Blvd, and East by NW 24th Ave. CPC completed 22.5 miles of LED lighting analysis and design as a part of Phase 1, cost-efficiently in 6 months working closely with Broward County and FPL. The lighting system will be installed and maintained by FPL through a lease agreement at a fraction of the cost when compared to hiring a roadway contractor to install and maintain the lighting system. This takes away the burden of installation and maintenance on Broward County. As part of Phase 2 of this project, CPC is currently working closely with Broward County and its residents to address the sidewalk design addressing the needs of the Community that were requested during the public involvement process. The sidewalk additions (missing sections) along with needed ADA improvements will be addressed along with incidental improvements such as drainage, and signing-pavement markings. The success of this project can be attributed to the effective public involvement meeting and feedback received from the community and the Broward County Commissioners, who support this exciting project. This important project will enhance safety for pedestrians day and night by providing the needed sidewalk connectivity and LED lighting improvements to make it a walkable community.			
E	(1) TITLE AND LOCATION (City and State) <b>City of Dania Beach, DRC Reviews, Dania Pointe Development, Dania Jai Alai, Review of Traffic Studies, Parking Studies, Site Civil, Design Development Guidelines/Design Standards</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE As part of these projects, served as an extension of the City's staff to conduct DRC reviews for traffic impacts, parking reduction, access management, traffic circulation, traffic design, site civil, roadway plans, and design development guidelines/design standards related to planned mixed-use developments. Provided input comments and recommendations to improve the quality of the applicant's deliverables. Responsibilities included attending DRC and City Commission meetings and providing expert testimonials.			



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

	12. NAME <b>Terence Castillo, EI</b>	13. ROLE ON THIS CONTRACT <b>Project Engineer</b>	14. YEARS EXPERIENCE	
			a. Total <b>8</b>	b. With Current Firm <b>5</b>
15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc., Deerfield Beach, Florida</b>				


16. EDUCATION (Degree and Specialization) <b>BS Civil Engineering, Florida International University, 2009</b>	17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>Florida Engineering Intern # 1100014652</b>
--	--


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

Mr. Castillo's experience includes land development, site planning, traffic study analysis using Synchro traffic analysis software, onsite and offsite engineering inspections, drainage inspections, sanitary and sewer inspections, plans preparation, design calculations, client and sub-contractor coordination, sanitary and sewer design and drainage design using SFWMD Cascade Flood Routing, Interconnected Channel and Pond Routing Modeling (ICPR) and AutoCAD Storm and Sanitary Analysis. In addition, Mr. Castillo has extensive permitting experience through multiple county and district agencies including Broward County EPD, SFWMD, FDOT, CBWCD, Miami-Dade RER, etc.

## 19. RELEVANT PROJECTS

A	(1) TITLE AND LOCATION (City and State) <b>City of Margate, Complete Streets Roadway Reconstruction of NW 8th St from NW 67th Ave-NW 69th Ave, Margate, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2023-Present	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm  <b>Project Engineer:</b> Under our Continuing Professional Services Contract, CPC was selected to perform complete civil engineering design services, surveying, permitting, bidding & post design services for Roadway Reconstruction of NW 8th St between NW 67th Ave-NW 69th Ave. This Complete Streets reconstruction includes the replacing existing 2" galvanized water main with a new 6" PVC water main & service laterals, valves & fire hydrants. Replacing and/or adjusting existing sidewalks & driveway approaches as needed, new pavement markings, and adjusting existing landscape swales and utility manholes for improved stormwater runoff design. The design will comply with the American Water Works Association (AWWA), Americans with Disabilities Act (ADA), codes, ordinances, rules, orders, and other legal requirements of public authorities having jurisdiction.		
B	(1) TITLE AND LOCATION (City and State) <b>City of North Lauderdale, SW 81st Ave Complete Streets (CSLIP)</b>	(2) YEAR COMPLETED	
		2022	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Engineer:</b> Transportation Design, Complete Streets & Localized Initiatives Program (CSLIP), CPC provided a Conceptual Design and Cost Estimate for SW 81st Avenue. The City of North Lauderdale was developing a proposal under the CSLIP Program for improvements along SW 81st Avenue. Scope of Services: CPC met with FDOT and City staff to identify the Project details and required compliance with Broward County MPO and FDOT CSLIP project criteria. CPC field reviewed the project limits to assess existing conditions and identify potential impacts. The field review was documented with notes and site photos. CPC prepared conceptual plans, drawings, and documents to support the City's CSLIP application and definition of the Purpose and Need Statement. The project conceptual plans/drawings and or documents included Roundabout Operational Analysis, Sidewalk Continuity Improvements, ADA crosswalks, Typical section – existing and proposed, Existing R/W, Lane width (existing and proposed), Number of lanes, Design speed and proposed speed limit, Bike lanes details, and Application Support.		
C	(1) TITLE AND LOCATION (City and State) <b>Coral Springs Municipal Complex, Coral Springs, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm  <b>Project Engineer:</b> Mr. Castillo assisted with the preparation of the civil engineering plans for the municipal complex located on the southwest corner of Sample Rd and NW 94th Ave. This project required the filling of an existing canal and rerouting via box culverts. This municipal complex required an onsite lift station and force main to be designed by others. Mr. Castillo assisted in preparing civil engineering drawings which included drainage, water and sewer, fire access plan, signage and marking plan, and canal realignment plan.		
D	(1) TITLE AND LOCATION (City and State) <b>Seminole Tribe of Florida, Lakeland Trust Project, Phase I, Lakeland, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm  <b>Project Engineer:</b> Mr. Castillo led the production team in completing engineering plans for Phase I of approximately 792 acres of residential parcels. The project involved completing a Master Plan for the entire 147 residential lots. A Stormwater Management Drainage Study was essential in designing the roadway and finish floor elevations. Phase I involved the design of roadway and roadside swales for the 47 residential lots. The project also involved the design of drainage, lift station, water & sewer, and lighting.		
E	(1) TITLE AND LOCATION (City and State) <b>City of Dania Beach LAP Multimodal Enhancements, Dania Beach, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm  <b>Project Engineer:</b> Mr. Castillo assisted in completing FDOT design plans for the multimodal enhancements in the South-East, North-West, and North-East areas located within the City of Dania Beach. This project included improvements such as enhanced sidewalks, curbing, concrete sidewalks, raised intersections, and flashing solar-powered LED traffic signs. In addition, Mr. Castillo assisted in coordinating with FDOT in regard to the LAP requirements.		

E.RESUMESOFKEYPERSONNELPROPOSEDFORTHISCONTRACT			
	12. NAME <b>Daniel Burns, PE</b>	13. ROLE ON THIS CONTRACT <b>Senior Roadway Engineer / Project Manager</b>	14. YEARS EXPERIENCE a. Total 29      b. With Current Firm .5
	15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc., FL</b>		
16. EDUCATION (Degree and Specialization) <b>Bachelor of Science Degree: Civil Engineering, University of North Carolina</b>		17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>FBPE # 59750, 2003; Georgia PE # 042899, 2018; Colorado PE # 33782, 1999</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  Mr. Burns specializes in roadway design and project management for public-sector transportation projects. The range of projects he has completed includes major corridor studies, expressway widening, grade-separated interchanges, urban arterials, and intersection improvements including roundabouts. Mr. Burns has extensive experience preparing estimates and quantities for construction, value engineering, and alternative analysis. His experience also includes preparing scopes of work, project budgeting, and scheduling through the preconstruction phase, and public involvement activities for multi-million-dollar contracts involving various engineering disciplines, local agencies, and utilities.			
19. RELEVANT PROJECTS			
A	(1) TITLE AND LOCATION (City and State) <b>Seminole Tribe of Florida, Lakeland Reservation, Lakeland Trust Infrastructure Development, Phase 1, 2, &amp; 3 Designs Polk County, FL</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2023      CONSTRUCTION (If applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Senior Project Manager:</b> The Lakeland Trust Land is an approximately 800-acre community that has a country feel with abundant water features, trees, and other vegetation. CPC has completed the master plan and design for Phase 1. Phase 1 has 47 proposed single-family 1.0 acre lots and approximately 10,000 linear feet of roadway. The scope of services includes construction and certification of the stormwater management system, paving, grading and drainage, street lighting, electrical, communications, and water and wastewater infrastructure improvements. ICPR models were developed to evaluate the proposed stormwater management system for various rainfall simulations (10yr, 25yr, 50yr, and 100yr-1day). CPC followed SWFWMD regulations, which are mandated by the Seminole Tribe of Florida's Environmental Resource Management Department for this location.		
	✓ Check if project performed with current firm		
B	(1) TITLE AND LOCATION (City and State) <b>FDOT D4, Floranada Rd (NE 45th Street)</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2023      CONSTRUCTION (If applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Senior Project Manager</b> The safety improvements on this project included a new 6-ft. sidewalk from N Dixie Hwy. to NE 12th Terrace & from NE 18th Ave. to SR-5/US-1/Federal Hwy. on both sides of the roadway, milling and resurfacing, ADA implementation to existing crosswalks, curb ramps and detectable warning surfaces. Signing-Pavement Markings, Upgrade the existing sub-standard signs to comply with current standards. Upgrade pavement striping where they are impacted by sidewalk and roadway improvements. Existing speed tables and pavement markings are to be replaced due to the resurfacing efforts including any special emphasis crosswalks, only where M&R operations are performed. Signalization & Lighting: Upgraded LED lighting retrofits, pedestrian signals, and flexible signal back plates at two signalized intersections. Light pole spread footer foundations will be provided where needed to avoid underground utility conflicts. Pedestrian signalization upgrades will be completed to meet minimum Standards to meet ADA criteria. Florida East Coast Railway (FEC) Coordination: Was required to install a railroad (RR) pedestrian gate (on the south side) where a new sidewalk is proposed across the existing railroad tracks. Coordination with FEC will also address the addition of advance flashing beacon signals/signs, approaching the RR signal in both directions of vehicular travel.		
	✓ Check if project performed with current firm		
C	(1) TITLE AND LOCATION (City and State) <b>FDOT D4, 5/US-1 from Miami-Dade/Broward County Line to SR 824/Pembroke Rd</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2023      CONSTRUCTION (If applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Senior Project Manager</b> The project's goal is to rehabilitate & extend the service life of the existing pavement along SR 5/US-1. The project is also evaluating the conversion of a full median opening to a directional median opening at SR 5/US 1 at SE 5th St./Breeze Way based on a safety study. Other improvements include ADA-compliant curb ramps, installing detectable warning surfaces, and repairing damaged sidewalks. Drainage deficiencies were addressed to avoid ponding issues. The project also addressed continuous bicycle lane connectivity, between Hallandale Beach Blvd. & NE 3rd St. Signing-Pavement Markings Pavement markings will be upgraded upon the resurfacing efforts.		
	✓ Check if project performed with current firm		
D	(1) TITLE AND LOCATION (City and State) <b>City of Coconut Creek, Sample Road Multi-Purpose Path</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2023      CONSTRUCTION (If applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Senior Project Manager</b> CPC assisted the City of Coconut Creek in preparing a study and estimating construction costs required to apply for this Broward County Surtax Project. This project was ranked for design in the Broward MPO Municipal Surtax Capital Draft Cycle 1 Program of Recommended Projects for funding to the City. CPC was awarded this important project for design to improve connectivity to multi-modal users along this corridor. The project entails ADA compliance, sidewalk connectivity, bus shelters, bike lanes, pedestrian safety improvements, and other amenities on Sample Road from East of Lyons Road to Tradewinds Park. The project includes improving the entrance accessibility to Tradewinds Park.		
	✓ Check if project performed with current firm		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT			
	12. NAME <b>Joseph Lamaruggine, EI</b>	13. ROLE ON THIS CONTRACT <b>Project Engineer</b>	14. YEARS EXPERIENCE a. Total <b>4</b> b. With Current Firm <b>2</b>
	15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc., Deerfield Beach, Florida</b>		
16. EDUCATION (Degree and Specialization) <b>BS Degree: Civil Engineering, Florida Atlantic University, Florida</b>		17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Lamaruggine brings over 4 years of work experience in the Civil Engineering field. Joseph possesses strong communication skills and strong leadership qualities. He is proficient in various engineering design software such as AutoCAD and MicroStation. He also is knowledgeable in various analysis and modeling software such as Synchro, HCS, and PTV Vissim.			
19. RELEVANT PROJECTS			
A	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Broward County, Lighting &amp; Sidewalk (Surtax) Project, Fort Lauderdale, FL</b>	PROFESSIONAL SERVICES 2021-Present	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm <b>Project Engineer:</b> CPC completed a surtax project for three residential communities in Broward County, including lighting and sidewalk improvements. The project included 22.5 miles of LED lighting analysis and design, which was cost-efficiently completed in 6 months. The lighting system will be installed and maintained by FPL through a lease agreement. CPC is currently working with Broward County and residents to address the sidewalk design, which will include sidewalk additions and ADA improvements. The success of the project is attributed to the effective public involvement meeting and feedback received from the community and the Broward County Commissioners.		
B	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>City of Hollywood, Taft Street Crosswalk Study, Hollywood, FL</b>	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm <b>Project Engineer:</b> The City conducted a traffic engineering study to evaluate the need for pedestrian crosswalks on Taft Street between N 31st Rd and N 30th Rd. The study found that there are no crosswalks or ADA-compliant pedestrian ramps in this area and that pedestrian volumes are high during the summer. CPC made recommendations to the City on the installation of pedestrian crossings based on meeting pedestrian volume warrants. However, if warrants are not met, the addition of safe pedestrian crossings at N 31st Rd will be evaluated.		
C	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>FDOT D4, 5/US-1 from Miami-Dade/Broward County Line to SR 824/Pembroke Rd</b>	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm <b>Project Engineer:</b> The project's goal is to rehabilitate & extend the service life of the existing pavement along SR 5/US-1. The project is also evaluating the conversion of a full median opening to a directional median opening at SR 5/US 1 at SE 5th St./Breeze Way based on a safety study. Other improvements include ADA-compliant curb ramps, installing detectable warning surfaces, and repairing damaged sidewalks. Drainage deficiencies were addressed to avoid ponding issues. The project also addressed continuous bicycle lane connectivity, between Hallandale Beach Blvd. & NE 3rd St. Signing-Pavement Markings Pavement markings will be upgraded upon the resurfacing efforts.		
D	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>FDOT D4, Floranada Rd (NE 45th Street)</b>	PROFESSIONAL SERVICES 2023	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm <b>Project Engineer:</b> The safety improvements on this project included a new 6-ft. sidewalk from N Dixie Hwy. to NE 12th Terrace & from NE 18th Ave. to SR-5/US-1/Federal Hwy. on both sides of the roadway, milling and resurfacing, ADA implementation to existing crosswalks, curb ramps and detectable warning surfaces. Signing-Pavement Markings, Upgrade the existing sub-standard signs to comply with current standards. Upgrade pavement striping where they are impacted by sidewalk and roadway improvements. Existing speed tables and pavement markings are to be replaced due to the resurfacing efforts including any special emphasis crosswalks, only where M&R operations are performed. Signalization & Lighting: Upgraded LED lighting retrofits, pedestrian signals, and flexible signal back plates at two signalized intersections. Light pole spread footer foundations will be provided where needed to avoid underground utility conflicts. Pedestrian signalization upgrades will be completed to meet minimum Standards to meet ADA criteria. Florida East Coast Railway (FEC) Coordination: Was required to install a railroad (RR) pedestrian gate (on the south side) where a new sidewalk is proposed across the existing railroad tracks. Coordination with FEC will also address the addition of advance flashing beacon signals/signs, approaching the RR signal in both directions of vehicular travel.		
E	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>City of Coral Springs, Everglades Pedestrian-Bike Loop, 10' Shared Use Path</b>	PROFESSIONAL SERVICES 2023	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm <b>Project Engineer:</b> The city selected CPC to begin a Basis of Design (BOD) and Conceptual Plans for a 10.2-mile pathway for biking, walking, and running that will connect Coral Springs' western edges to the Everglades Conservation Levee. This loop is located within the City of Coral Springs bounded by Sawgrass Expressway to the west, Wiles Road to the north, Stranahan River to the south, and various FDOT, and City owned roadways and private properties form the eastern boundary of this proposed loop. CPC's Traffic / Transportation Manager will lead the team for the loop design that will stretch along West Atlantic Blvd, Lakeview Dr, Coral Ridge Dr, Royal Palm Blvd, and West Sample Rd. The Everglades Loop is a significant project that will provide a much-needed safe and accessible space for people to enjoy the outdoors. The loop will also help to connect different parts of the city and promote physical activity.		




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

	12. NAME <b>Robert Pinthieve, Jr., P.E.</b>	13. ROLE ON THIS CONTRACT <b>Senior Project Engineer</b>	14. YEARS EXPERIENCE	
			a. Total <b>17</b>	b. With Current Firm <b>8</b>
15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc. (CPC), in Orlando, Florida</b>				
16. EDUCATION (Degree and Specialization) <b>Bachelor of Science, Civil Engineering University of Central Florida, 1997</b>		17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>Professional Engineer, Florida Registration No. 64769</b>		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Pinthieve is a veteran civil engineer with a wealth of project experience, including FDOT, municipal, regulatory agency and private sector developer clients. His capabilities encompass transportation design, stormwater, wastewater management, site layout, mass grading, large-scale residential and mixed-use land development, and large-scale earthwork projects including a marina. Municipal design projects include paving and drainage design, and new and retrofit utility infrastructure improvements. He is adept at preparing PUDs, permitting packages, project specifications packages and construction document packages for bidding.				


## 19. RELEVANT PROJECTS

A	(1) TITLE AND LOCATION (City and State) <b>Solivita active-adult retirement community</b> Polk and Osceola counties, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015 - 2019	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Engineer:</b> Mr. Pinthieve contributed to design and permitting of construction plans, master plans and technical reports for this 3,400-acre, master-planned community, which included 4,000 single-family homes, a 36-hole golf course and 150 acres of interconnecting ponds. Work included stormwater permits through the South Florida Water Management District (SFWMD), environmental resource permits for construction of five phases, and permitting through the U.S. Army Corps of Engineers.		
B	(1) TITLE AND LOCATION (City and State) <b>Granada PD multifamily and single-family home projects</b> Dr. Phillips area of Orange County, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017 - 2019	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Engineer:</b> Master planning for 160 gross acres of previously approved PD, based southwest of the intersection of Sand Lake and Turkey Lake roads. Permitting included master infrastructure and stormwater design, Preliminary Subdivision Plan in Orange County, infrastructure design and permitting for new internal roadway, a new traffic signal, master utilities and mass grading. Three national housing developers bought subdivided land portions, and CPC was retained as Engineer of Record by all.		
C	(1) TITLE AND LOCATION (City and State) <b>Lake Flores master-planned community</b> Manatee County, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014 - 19	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Engineer:</b> This mixed-use development spans more than 1,100 acres overlooking Sarasota Bay. Phased development is anticipated over 20 years with a mix of hundreds of single-family homes, mixed-use town centers, lakes and public parks. Mr. Pinthieve has played a key role in the design of master plans and permitting with the County and local agencies.		
D	(1) TITLE AND LOCATION (City and State) <b>FDOT Turnpike Enterprise – SR 429 Western Beltway</b> Orange County, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2004- 2008	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Construction Engineer:</b> Mr. Pinthieve provided construction engineering and inspection for a project that covered 10.2 miles of four-lane expressway, 15 bridges and a major interchange of SR 429 and I-4. Duties included inspections of bridges, toll buildings, drilled shafts and earthwork, as well as MOT and environmental compliance documentation.		
E	(1) TITLE AND LOCATION (City and State) <b>Sithe Mystic Power Plant</b> Charlestown, Massachusetts	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2001 - 2004	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Construction Engineer:</b> Mr. Pinthieve managed the quality control program for construction of a \$600 million natural gas power plant. Duties included inspections of earthwork, duct banks, grounding, steel reinforcement and concrete to ensure their construction conformed with engineering plans.		

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

	12. NAME <b>Cedonio DaSilva</b>	13. ROLE ON THIS CONTRACT <b>Senior Project Manager</b>	14. YEARS EXPERIENCE	
			a. Total <b>34</b>	b. With Current Firm <b>.5</b>
15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc.</b>				
16. EDUCATION (Degree and Specialization) <b>MS International Business Administration</b>			17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Da Silva has a Positive attitude with energetic culture, with knowledge of fundamental engineering processes, construction methods and required permitting to carry out the concurrent planning, design, production and construction of our engineering projects, both for our private and public-sector clients. These projects typically entail site development, stormwater, water/wastewater, paving, grading and drainage, and other related improvements. Collaboration with owners and multi-disciplinary teams to produce technically complex design plans, studies and reports is a must. Interacting with clients, consultants, internal teams, and employees Duties: Manage workload through duration of project lifecycle. Perform engineering calculations, data research, and financial analysis. Prepare contract documents utilizing AutoCAD. Coordinate activities with other disciplines, internally and externally. Participate and contribute to design and production meetings. Research, evaluate, compile and prepare material for permit application. Provide intercompany reporting and month-end financials. Developed, coordinated and managed all projects including financial aspects such as; manpower, forecasting, Planning and prioritizing for high performance, cost estimating, profit, etc. Contract negotiation with client's representatives. Oversee all engineering and technical staff related to project functions. He has also worked on all aspects of site development design including site layout, grading, earthwork computations, stormwater detention/retention studies, feasibility studies, traffic studies, cost estimates, and utility layout and profiles. Has also worked on many Drainage projects in Florida. Familiar with the requirements of the Florida Department of Transportation, FEMA, Dade, Broward, Palm Beach County, and other local government agencies. Mr. Da Silva brings over 34 years of experience in Civil Engineering and more than 25 years as a project manager in transportation, water and wastewater, stormwater master plan and design, site development and design. Mr. Da Silva has provided comprehensive services for several special drainage districts and improvement districts in south Florida, where he acted as the district engineer. He's highly motivated by new challenges and enjoys all aspects of complex projects. He's experienced in identifying and removing obstacles and creating actions for positive results. Cedonio possesses extensive expertise in engineering site development including water and wastewater master planning, utility feasibility and implementation studies, neighborhood improvement, roadway design, storm water management studies and computer modeling applications.				
<b>19. RELEVANT PROJECTS</b>				
<b>A</b>	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
	<b>Mabel T. Frank, STOF - Big Cypress Reservation, FL</b>		PROFESSIONAL SERVICES <b>2023</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;">✓ Check if project performed with current firm</span> <b>Senior Project Manager:</b> The 71-acre community will be comprised of 33 rental homes on quarter-acre lots and 17 1.5-acre home sites. Each of the two neighborhoods will have its entrance off Josie Billie Highway across from the old bingo hall. The development is named for Mabel T. Frank since it will be built on the site of her former cattle pasture. CPC developed a stormwater model that was used to plan the grading for the proposed site. CPC coordinated with Tomasello Consulting Engineers who had previously performed a flood study to determine the boundary conditions for the ICPR stormwater model. The primary engineering challenge was to minimize the impact on the existing flood storage while grading the home sites to an elevation well above the established 100-year peak stage. The stormwater pond and the area in the green north of the site were used to provide compensating flood storage. The stormwater model was also used to test the conveyance system that would allow flood water to migrate to the south as suggested by the Tomasello Consulting Engineers flood model.			
<b>B</b>	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
	<b>City of Deerfield Beach, N. Ocean Drive (A1A) S-Curve Utility Undergrounding and Streetscape Improvements, Deerfield Beach, FL</b>		PROFESSIONAL SERVICES <b>2023</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;">✓ Check if project performed with current firm</span> <b>Senior Project Manager:</b> CPC is providing civil engineering and surveying services to the CRA to design and permit the improvements of the project limits that include approximately 1,500 LF of existing right-of-way from the intersection of N. Ocean Drive (A1A) and NE 2nd Street to N. Ocean Drive and NE 4th Court. The goals of the CRA include upgrading turtle-friendly lighting that enhances the aesthetics and safety of the corridor in accordance with the Deerfield Beach Complete Streets Guidelines and providing cost-effective design, coordination, and construction services for the undergrounding of overhead utilities.			
<b>C</b>	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
	<b>Town of Southwest Ranches, Dykes Road Piping Project, Southwest Ranches, FL</b>		PROFESSIONAL SERVICES <b>2023</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;">✓ Check if project performed with current firm</span> <b>Senior Project Manager:</b> The Town of Southwest Ranches contracted CPC to perform Professional Engineering Services for the design of a twin 48" RCP culvert under Dykes Road. CPC has a newly awarded Continuing Services Contract with the Town for Professional Engineering Services. Located south of Griffin Rd the twin 48" RCP will extend westward to the new receiving water and littoral shelf area from the existing twin 48" RCP in Southwest Meadows Sanctuary Park from the existing twin 48" RCP in Calusa Corners Park. The Town of Southwest Ranches is a recipient of the American Rescue Act (ARPA) funding and prioritized the Dykes Road Piping Project as a critical project. The drainage project is in the Capital Improvement Element and is shown in the Tertiary Drainage Plan (TDP). The TDP has been approved and prioritized by both the Town Council and the Drainage and Infrastructure Advisory Board. This project is also supported by the South Broward Drainage District.			
<b>D</b>	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
	<b>Ginn Sur Mer, Grand Bahamas Island, Bahamas</b>		PROFESSIONAL SERVICES <b>2010</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;">✓ Check if project performed with current firm</span> <b>Project Engineer:</b> The project included watershed modeling of flood conditions to update the existing conditions and boundaries. Mr. Da Silva led the Hydrological/Hydraulic Modeling of the entire project by using the ICPR (Interconnect Pond routing) model, evaluation of lake, pipe interconnects, and impervious and pervious areas throughout the project, and development of control alternatives from a basin-wide perspective. Confirm minimum finish floor elevations and minimum road elevation as per project drainage criteria. Recommended controls included retention ponds to address water quality and flood control; storm sewer and interconnect upgrades and channel improvements.			

# E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

	12. NAME <b>Craig Marien, PE, LEED AP</b>	13. ROLE ON THIS CONTRACT <b>Senior Stormwater Engineer</b>	14. YEARS EXPERIENCE	
			a. Total <b>17</b>	b. With Current Firm <b>7 yrs</b>
15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc. (CPC), in Orlando, Florida</b>				
16. EDUCATION (Degree and Specialization) <b>Bachelor of Science, Civil Engineering University of Central Florida, 1999</b>			17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>Professional Engineer, Florida Registration No. 67476 FDEP Stormwater Management Inspector certification</b>	


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

Mr. Marien has been a project engineer for more than 17 years, with a focus on stormwater analysis, design, and permitting. He has worked on multiple projects that range in size from small commercial developments to thousand-acre residential communities in Central Florida, providing special analysis of water resources and drainage, as well as modeling and permitting. He has extensive technical skills using design systems such as ICPR 4, AutoCAD, and StormCAD. Mr. Marien is a certified NDPES stormwater inspector and is LEED AP certified in green construction practices.


## 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
A	<b>Seminole Tribe of Florida Brighton Reservation</b>	2020-Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm <b>Stormwater Engineer:</b> Sr. Stormwater Engineer for projects where CPC is currently providing professional services that include land surveying, geographical information system (GIS) data management, infrastructure design, and stormwater modeling. Responsibilities include providing a project execution plan, attending meetings, conceptual designs, cost estimates, and presentations. One of the projects was the development of a comprehensive Stormwater Master Plan for the Seminole Tribe of Florida's (STOF) Brighton Reservation located within Glades County. The stormwater model developed for the Master Plan is intended to study the impacts of proposed developments on the stormwater management system and to identify opportunities to improve the efficiency of the existing system. The Reservation's area is approximately fifty-seven (57) square miles with various land use designations including agricultural, commercial, governmental, communal, educational, residential, and other uses.		
B	<b>Seminole Tribe of Florida, Lakeland Land Trust</b> Lakeland, Florida	2019	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm <b>Project Engineer:</b> Mr. Marien served as a quality control engineer and reviewed the stormwater model that was developed to determine flood elevations for Phase 1 of an 800-acre, 146-lot single-family residential community.		
C	<b>Seminole Tribe of Florida, Mabel T. Frank Way</b> Big Cypress, Florida	2018 - 2019	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm <b>Stormwater Engineer:</b> Led development of the ICPR model to support the design of a stormwater management system that provides water quality treatment and attenuation support for a 71-acre, 50-lot single-family residential development. The ICPR model was used to size the conveyance system that would allow stormwater to flow to the south, such that stages north of the project would not rise and increase the flood risk to existing homes adjacent to the project site.		
D	<b>Mitchell Hammock Mitigation Bank</b> Oviedo, Florida	2017 - 2019	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm <b>Project Engineer:</b> Mr. Marien developed an ICPR4 continuous simulation model, calibrated using historical flooding events, to determine the balance between floodplain storage and hydration requirements for the restored wetland. Groundwater modeling was included to improve accuracy. The stormwater model was also used to demonstrate how the mitigation bank is performing as an off-line stormwater treatment pond to improve water quality discharged from the Oviedo watershed.		
E	<b>International Corporate Park</b> Orange County, Florida	2006 - 2007	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm <b>Stormwater Engineer:</b> Led stormwater modeling for a 2,900-acre mixed-use commercial development with provisions for approximately 21 million square feet of industrial and commercial uses. A stormwater model using GIS and ICPR was developed and approved by the county to support a FEMA map revision for eastern Orange County.		

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

	12. NAME <b>Thomas McCarthy, PE</b>	13. ROLE ON THIS CONTRACT <b>Director of Civil Engineering, Central FL</b>	14. YEARS EXPERIENCE	
			a. Total <b>42</b>	b. With Current Firm <b>3</b>
15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc. (CPC), in Orlando, Florida</b>				
16. EDUCATION (Degree and Specialization) <b>Bachelor of Science, Civil Engineering University of South FL MBA (management concentration) University of Miami (FL), 2003</b>		17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>Professional Engineer, Florida Registration No. 32630 Certified General Contractor, Florida Registration No. CGC020819</b>		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. McCarthy is a Professional Civil Engineer and Land Development Executive with 30-plus years of experience in planning, design, entitlements, and construction management of master-planned communities and resorts, along with coordinating construction for commercial mixed-use and residential developments. His wealth of experience includes Major League Baseball facilities, resort golf, and tennis amenities, civil engineering consulting on public infrastructure, with unique strengths in the areas of organizing consultant teams, negotiating contracts, cost analysis/control, and project scheduling.				
19. RELEVANT PROJECTS				
A	(1) TITLE AND LOCATION (City and State) <b>City of Margate, Complete Streets Roadway Reconstruction of NW 8th St, NW 67th Ave-NW 69th Ave, Margate, FL</b>		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES <b>2023</b>	CONSTRUCTION (If applicable)
B	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Under our Continuing Professional Services Contract with the City, CPC was selected to perform complete civil engineering design services, surveying, permitting, bidding and post design services for Roadway Reconstruction of NW 8th St. This Complete Streets reconstruction includes the replacing existing 2" galvanized water main with a new 6" PVC water main & service laterals, valves and fire hydrants. Replacing and/or adjusting existing sidewalks & driveway approaches as needed, new pavement markings, and adjusting existing landscape swales and utility manholes for improved stormwater runoff design. The design will comply with the American Water Works Association (AWWA), Americans with Disabilities Act (ADA), codes, ordinances, rules, orders and other legal requirements of public authorities having jurisdiction.		Check if project performed with current firm	
			PROFESSIONAL SERVICES <b>2022-Present</b>	CONSTRUCTION (If applicable)
C	(1) TITLE AND LOCATION (City and State) <b>Seminole Tribe of Florida, Brighton Stormwater Master Plan</b>		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES <b>2020-2023</b>	CONSTRUCTION (If applicable)
D	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The Project's scope includes the development of a comprehensive Stormwater Master Plan for the Seminole Tribe of Florida's Brighton Reservation located within Glades County. The Reservation's area is approximately fifty-seven 57-square miles with various land use designations including agricultural, commercial, governmental, communal, educational, residential, and other uses. CPC is currently providing professional services that include surveying, field data collection & GIS, stormwater modeling of existing conditions, stormwater modeling of future conditions without improvements, and stormwater modeling of future conditions with improvements. Responsibilities include providing a project execution plan, attending meetings, and conceptual design of all proposed improvements, cost estimates, and presentations.		Check if project performed with current firm	
			PROFESSIONAL SERVICES <b>2021</b>	CONSTRUCTION (If applicable)
E	(1) TITLE AND LOCATION (City and State) <b>Solivita active-adult community Poinciana, Florida</b>		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES <b>1998 - 2000</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>V.P. of Development &amp; Construction:</b> Within this 3,500-acre master-planned community, was responsible for commercial construction and management of the \$18 million, 105,000-square-foot recreation complex, multiple amenity buildings and retail/dining outlets. Oversaw construction of golf course and all land development to support a schedule of 1,000 new single-family homes per year.		Check if project performed with current firm	

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

	12. NAME <b>David Pocius, P.E.</b>	13. ROLE ON THIS CONTRACT <b>Senior Project Engineer</b>	14. YEARS EXPERIENCE	
			a. Total <b>31</b>	b. With Current Firm <b>10</b>
15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc. (CPC), in Orlando, Florida</b>				
16. EDUCATION (Degree and Specialization) <b>Bachelor of Science, Environmental Engineering, University of Central Florida, 1987</b>		17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>Professional Engineer, Florida Registration No. 54850</b>		

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


Mr. Pocius has been a project engineer for over 31 years and contributed to a wide variety of civil engineering projects. His experience includes traffic engineering studies, transportation planning studies, construction plans for signalization, maintenance of traffic and signing/pavement marking projects, roadway/intersection design, and stormwater/drainage analysis. His primary areas of expertise include roadway and drainage design, preparation of signalization, traffic control plans, and traffic engineering studies.

## 19. RELEVANT PROJECTS

A	(1) TITLE AND LOCATION (City and State) <b>Blurock Daniels Road</b> Winter Garden, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2020-2023		CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm			
	<p><b>Senior Project Engineer:</b> 6.24 acres located southwest of the intersection of Daniels Road and W. Colonial Drive (SR 50) in the City of Winter Garden, FL. CPC prepared a horizontal control plan in CADD showing the buildings, parking, and open space layout for the site. The engineering plans were designed in accordance with the SJRWMD and City of Winter Garden criteria and included Site Layout and Geometry, Paving and grading plans, Utility Plans including Lift Station, Stormwater Design, calculations, and Details. CPC managed all sub-consultants and provided civil engineering services to design and permit the site from survey through permitting with the City of Winter Garden and associated agencies.</p>			
B	(1) TITLE AND LOCATION (City and State) <b>FPL Bayside Substation Expansion</b> Manatee County, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2021-2023		CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm			
	<p><b>Senior Project Engineer:</b> Under our continuing services contract with FPL CPC was tasked to provide Bayside Sub Site Plan Development Order &amp; Landscape Design to be approved by Manatee County. CPC provided Stormwater Management Design, Permitting (Well, Septic &amp; FDOT Driveway Drainage &amp; Connection) and Construction Services and As-Built Certification</p>			
C	(1) TITLE AND LOCATION (City and State) <b>Poinciana Parkway</b> Osceola County, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2005 - 2008		CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm			
	<p><b>Senior Project Engineer:</b> Served as quality assurance director for Contracts 1 and 2 of the new Poinciana Parkway, incorporating more than 5.5 miles of new roadway. Responsibilities included complete design of roadway, drainage, and traffic operations.</p>			
D	(1) TITLE AND LOCATION (City and State) <b>Hills of Minneola Turnpike Interchange</b> Lake County, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009 - 2010		CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm			
	<p><b>Senior Project Engineer:</b> While working for a DRI developer, Mr. Pocius generated the proposed alignment and location of a new interchange on the Florida Turnpike at MP 279. An extension of Hancock Road near the interchange was also developed.</p>			
E	(1) TITLE AND LOCATION (City and State) <b>Winter Springs Village</b> Winter Springs, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2011 - 2013		CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm			
	<p><b>Stormwater Engineer:</b> Led design of a stormwater model for this 42-acre residential subdivision that included the off-site flow from nearby Winter Springs Town Center to evaluate the performance of a proposed stormwater management system. The design team worked closely with the client to maximize developable units without tripping the impervious area threshold.</p>			



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

	12. NAME <b>Harold Dubón, PE</b>	13. ROLE ON THIS CONTRACT <b>Senior Project Engineer</b>	14. YEARS EXPERIENCE	
			a. Total <b>32</b>	b. With Current Firm <b>7</b>
15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc., Deerfield Beach, Florida</b>				
16. EDUCATION (Degree and Specialization) <b>University of Miami, B.S. Degree in Civil Engineering</b>			17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>Registered Professional Engineer, Florida PE# 48114</b>	


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

Mr. Dubon is a fully bilingual professional that has over 32 years of experience in the construction industry. He has extensive experience in program and contract management for all phases of construction including Design-Build projects. His expertise includes building/ facility construction, interstate, roadway and bridge Construction Engineering and Inspection (CEI) construction. His duties have included overall CEI services management, office management including profit and loss, business development, contract management, project management, personnel recruitment, threshold inspections, and Environmental Site Assessments. **CTQP Certifications TIN # D15034966: Quality Control Manager - Asphalt Paving Level 1 & 2 - FDOT Construction Academy - Nuclear Gauge Safety Training - Radiation Safety Officer - Stormwater, Erosion & Sediment Control - Signalization Level I, IMSA - Advanced MOT - Trainer Course Standards for the Construction Industry, OSHA 500 - Standards for the Construction Industry, OSHA 510 - FDOT Leadership Academy - FDOT Project Engineers School**

## 19. RELEVANT PROJECTS

A	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Osceola County: Fortune Rd. to Lakeshore Blvd. Multi-Use Path FDOT LAP Project, FM No. 437471-1-62-1, Osceola County, Florida</b>	PROFESSIONAL SERVICES <b>2022-Present</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Sr. Project Engineer:</b> The project involves a 10' wide multi-use asphalt path along 7 miles of Fortune Road/East Lakeshore Boulevard. Construction includes extensive utility relocation coordination, public involvement and coordination, subsoil excavation, dewatering, drainage improvements to include storm drains and swales, gravity wall, a 145' pedestrian bridge spanning the St. Cloud (C-31) Canal, environmental/wetland impacts, and intersection improvements at signalized intersections.		
B	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Florida Turnpike Enterprise: Resurface and Roadside Improvements MP 190.5 to 198.5, FIN # 44070016201, Osceola County, Florida</b>	PROFESSIONAL SERVICES <b>2021-2022</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Sr. Project Engineer:</b> This \$ 17 ML roadway construction project consists of milling and resurfacing, widening, cross slope corrections, super-elevation corrections, base reconstruction, bridge deck joint replacements and box culvert gunite spall repairs. This project also features safety and design improvement which included drainage, shoulder gutter, guardrail, thrie beam, signage, lighting and ITS work for the Turnpike Mainline (SR 91) from MP 190.5 – MP 198.5 and the SR 60 Interchange.		
C	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>FDOT District 5: CEI Group 205, Brevard County FM# 443334-1, 443263-1, 445896-1, 443333-1</b>	PROFESSIONAL SERVICES <b>2021-2022</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Sr. Project Engineer:</b> The scope involves 4 bridge repair projects near the coast. Three involve fender system upgrades and the fourth involves pile jackets. The project locations include SR 520 EB & WB over Indian River Bridge Fender System Repair. Upgrade components with reinforced thermoplastic components, replace the navigation lighting wiring and conduit, and repair piling cracks and spalls, US 192 / Melbourne Causeway / Strawberry Ave. over Indian River Bridge Fender System Repair. Upgrade components with reinforced thermoplastic components and replace the navigation lighting wiring and conduit, SR 520 WB over the St. Johns River Pile Jackets. Install Non-Structural Pile Jackets, SR 401/SR A1A NB & SB over Barge Canal at Port Canaveral Fender System Repair Upgrade components with reinforced thermoplastic components, replace the navigation lighting wiring and conduit, and repair piling cracks and spalls.		
D	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Florida Turnpike Enterprise: Resurface and Roadside Improvements MP 153.23 to 169.32, FIN #s 43651715201, 43651735201, St. Lucie County, Florida</b>	PROFESSIONAL SERVICES <b>2018-2021</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Sr. Project Engineer:</b> This \$ 36 ML roadway construction project consisted of milling and resurfacing, cross slope corrections, super-elevation corrections, base construction, bridge deck joint replacements and box culvert gunite spall repairs. This project also featured safety and design improvement which included drainage, shoulder gutter, guardrail, signage for the Turnpike Mainline (SR 91) from MP 153 – MP 169 in St. Lucie County.		
E	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Florida Turnpike Enterprise: Resurface and Roadside Improvements MP 178 to 190.5, Okeechobee &amp; Indian River Counties, Florida</b>	PROFESSIONAL SERVICES <b>2012</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Sr. Project Engineer:</b> This \$ 26 \$ML roadway construction project consisted of milling and resurfacing, cross slope corrections, super-elevation corrections, base construction, bridge deck joint replacements and box culvert gunite spall repairs. This project also featured safety and design improvement which included drainage, shoulder gutter, guardrail, signage for the Turnpike Mainline (SR 91) from MP 178 – MP 190.5 in Indian River and Okeechobee Counties.		

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


	12. NAME <b>Glenn Longos</b>	13. ROLE ON THIS CONTRACT <b>Transportation Designer</b>	14. YEARS EXPERIENCE	
			a. Total <b>14</b>	b. With Current Firm <b>1</b>
15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc.</b>				
16. EDUCATION (Degree and Specialization) <b>BS Civil Engineering</b>			17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline)	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
 Mr. Longos is a junior engineer at our Deerfield office. Over the past decade, he has provided extensive production support on FDOT and municipal roadway projects statewide. He is very proficient in various CADD software such as 3D ORD, MicroStation, Geopak, and AutoCAD to expedite projects and achieve stringent deadlines on time and within budget.

## 19. RELEVANT PROJECTS

A	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Broward County, Lighting &amp; Sidewalk (Surtax) Project, Fort Lauderdale, FL</b>	PROFESSIONAL SERVICES 2021-Present	<b>Broward County, Lighting &amp; Sidewalk (Surtax) Project, Fort Lauderdale, FL</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer: CPC completed a surtax project for three residential communities in Broward County, including lighting and sidewalk improvements. The project included 22.5 miles of LED lighting analysis and design, which was cost-efficiently completed in 6 months. The lighting system will be installed and maintained by FPL through a lease agreement. CPC is currently working with Broward County and residents to address the sidewalk design, which will include sidewalk additions and ADA improvements. The success of the project is attributed to the effective public involvement meeting and feedback received from the community and the Broward County Commissioners.		
B	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>FDOT D4, 5/US-1 from Miami-Dade/Broward County Line to SR 824/Pembroke Rd</b>	PROFESSIONAL SERVICES 2023	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Transportation Designer: The project's goal is to rehabilitate & extend the service life of the existing pavement along SR 5/US-1. The project is also evaluating the conversion of a full median opening to a directional median opening at SR 5/US 1 at SE 5th St./Breeze Way based on a safety study. Other improvements include ADA-compliant curb ramps, installing detectable warning surfaces, and repairing damaged sidewalks. Drainage deficiencies were addressed to avoid ponding issues. The project also addressed continuous bicycle lane connectivity, between Hallandale Beach Blvd. & NE 3rd St. Signing-Pavement Markings Pavement markings will be upgraded upon the resurfacing efforts.		
C	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>FDOT D4, Floranada Rd (NE 45th Street)</b>	PROFESSIONAL SERVICES 2023	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Transportation Designer: The safety improvements on this project included a new 6-ft. sidewalk from N Dixie Hwy. to NE 12th Terrace & from NE 18th Ave. to SR-5/US-1/Federal Hwy. on both sides of the roadway, milling and resurfacing, ADA implementation to existing crosswalks, curb ramps and detectable warning surfaces. Signing-Pavement Markings, Upgrade the existing sub-standard signs to comply with current standards. Upgrade pavement striping where they are impacted by sidewalk and roadway improvements. Existing speed tables and pavement markings are to be replaced due to the resurfacing efforts including any special emphasis crosswalks, only where M&R operations are performed. Signalization & Lighting: Upgraded LED lighting retrofits, pedestrian signals, and flexible signal back plates at two signalized intersections. Light pole spread footer foundations will be provided where needed to avoid underground utility conflicts. Pedestrian signalization upgrades will be completed to meet minimum Standards to meet ADA criteria. Florida East Coast Railway (FEC) Coordination: Was required to install a railroad (RR) pedestrian gate (on the south side) where a new sidewalk is proposed across the existing railroad tracks. Coordination with FEC will also address the addition of advance flashing beacon signals/signs, approaching the RR signal in both directions of vehicular travel.		
D	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Palm Beach County – Clint Moore Road from Oaks Club to Long Lake, Palm Beach County, FL</b>	PROFESSIONAL SERVICES 2022	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Transportation Designer: This project involves final design services to widen the existing four-lane urban roadway section to six lanes from Oaks Club Drive to Long Lake Drive in each direction, approximately 1.16 miles. The project is being designed within the existing right of way. Major work includes roadway widening, traffic/signalization, and drainage improvements. Additional tasks include survey and mapping, geotechnical, utility coordination, environmental, and permitting. The project includes coordination with the South Florida Water Management District (SFWMD) Lake Worth Drainage District (LWDD), and the Florida Department of Environmental Protection (FDEP).		
E	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Palm Beach County – Old Dixie Highway, Yamato Road to Linton Boulevard, Palm Beach County, FL</b>	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Transportation Designer: This project involves final design services to widen and reconstruct Old Dixie from Yamato Road to Linton Boulevard from two to three lanes in each direction, approximately 3.1 miles. The existing typical section is a two-lane undivided roadway section, which will be widened to three lanes with a 12-foot center turn lane, two 11-foot travel lanes, 3- to 4-foot paved outside shoulders, type F curb and gutter, and 5- to 6-foot concrete sidewalk on the east side. Right of way will be acquired to construct the project. Major work includes roadway reconstruction, widening or replacing the bridge over the South Florida Water Management District C-15 canal, drainage improvements, and right-of-way acquisition. Additional tasks include survey and mapping, traffic/signalization, geotechnical, utility coordination, environmental, and permitting. The project includes coordination with the Florida East Coast Railway, City of Delray Beach, and the City of Boca Raton.		




	12. NAME <b>David Sandusky</b>	13. ROLE ON THIS CONTRACT <b>Senior Roadway Inspector</b>	14. YEARS EXPERIENCE	
			a. Total <b>48</b>	b. With Current Firm <b>5</b>
15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc.</b>				
16. EDUCATION (Degree and Specialization) <b>Titusville High School</b>			17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>N/A</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  Mr. Sandusky has more than 48 years of construction experience working for FDOT District Five and CEI. He has served duties on numerous urban arterial and interstate roadway projects. CTQP TIN S53217453 - Final Estimates Level 1, Earthwork Construction Inspection Levels 1 (To be scheduled), Asphalt Paving Technician Level 1 & 2, Concrete Field Technician Level 1 (To be scheduled), FDOT Intermediate MOT, FDEP Qualified Stormwater Management Inspector, Troxler Nuclear Safety Certification, Critical Structures Construction Issues, MSE Wall Inspection, FEMA Public Assistance Program				


## 19. RELEVANT PROJECTS

A	(1) TITLE AND LOCATION (City and State) <b>FDOT District 4: CEI (Hybrid) Continuing Services Consultant Inspection Support (Treasure Coast Operations), TWO SR-76 (Kanner Highway) from Cabana Point Circle to US-1, Martin Co.</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2022-Present		CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm			
	<b>Senior Roadway Inspector:</b> This \$5ML project involved the milling and resurfacing of approximately 1.2 miles of SR 76 (Kanner Highway between Cabana Point Circle and US-1 along a 6-lane divided section of roadway. The project scope included milling and resurfacing, some drainage improvements, full depth base repair in multiple locations and some curb & gutter reconstruction.			
B	(1) TITLE AND LOCATION (City and State) <b>Florida Turnpike Enterprise: MP 190.5 - 198.5, Osceola Co.</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2021-2022		CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm			
	<b>Senior Roadway Inspector:</b> This \$ 17 ML roadway construction project consists of milling and resurfacing, widening, cross slope corrections, super-elevation corrections, base re-construction, bridge deck joint replacements and box culvert gunite spill repairs. This project also features safety and design improvement which included drainage, shoulder gutter, guardrail, thrie beam, signage, lighting and ITS work for the Turnpike Mainline (SR 91) from MP 190.5 – MP 198.5 and the SR 60 Interchange.			
C	(1) TITLE AND LOCATION (City and State) <b>Florida Turnpike Enterprise: MP 153.23 - 169.32, St. Lucie Co.</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2018-2021		CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm			
	<b>Senior Roadway Inspector:</b> This \$ 36,000,000.00 million project consists of milling and resurfacing, cross slope corrections, super-elevation corrections, base construction, bridge deck joint replacements and box culvert gunite spill repairs. This project also featured safety and design improvement which included drainage, shoulder gutter, guardrail, signage for the Turnpike Mainline (SR 91).			
D	(1) TITLE AND LOCATION (City and State) <b>Florida Turnpike Enterprise: MP 178.1 - 190.5, Okeechobee &amp; Indian River Counties.</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2018		CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm			
	<b>Senior Roadway Inspector:</b> This \$ 26,000,000.00 million project consists of milling and resurfacing, cross slope corrections, super-elevation corrections, base construction, bridge deck joint replacements and box culvert gunite spill repairs. This project also featured safety and design improvement which included drainage, shoulder gutter, guardrail, signage for the Turnpike Mainline (SR 91) from Mile Post 178 – 190 in Indian River and Okeechobee Counties.			
E	(1) TITLE AND LOCATION (City and State) <b>FDOT District 1: SR 60 East CR 630 to Kissimmee River Bridge, Polk, Co.</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016-2018		CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm			
	<b>Senior Inspector:</b> Responsible for exercising initiative and independent judgment in the solution of work problems. Directs and assigns specific tasks to Contract Support Specialist and inspectors in all phases of the construction project. Responsible for the progress and final estimate throughout project duration. Improvements under this contract consist of widening, removal, and replacement of Bridge Number 160077, base work, significant overbuild with complex slope corrections as well as milling and resurfacing, drainage improvements, guardrail and signing and pavement markings on State Road 60 in Polk County.			


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

	12. NAME <b>Glenn Bridges</b>	13. ROLE ON THIS CONTRACT <b>Project Administrator</b>	14. YEARS EXPERIENCE	
			a. Total <b>36</b>	b. With Current Firm
15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc., Orlando, FL</b>				
16. EDUCATION (Degree and Specialization) <b>Miami-Dade Community College Project Engineer School</b>		17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) CTQP: TIN # B632285640590		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)				
<p>Mr. Bridges brings more than 36 years of experience to the construction engineering and inspections industry. Glenn has been responsible for administering the Florida Department of Transportation (FDOT), Florida Turnpike Enterprise (FTE) and Central Florida Expressway (CFX) contracts through written and verbal correspondence. Responsibilities include supervising, training, and evaluating personnel performing inspection and contract compliance, completing and submitting monthly and final estimates for payment to the Contractor using Departments Site Manager web-based programs and ensuring proper procedures are followed for obtaining, documenting, and processing samples, test data, and input into the Department LIMS database. His responsibilities also include constructability reviews and coordination communications to expedite resolutions to problems with various stakeholders including various utility companies, verifying contractor's performance to established specifications and procedures.</p>				
19. RELEVANT PROJECTS				
A	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
	<b>FDOT District 4, County Road 612 Roadway Improvements and Bridge Replacement, Vero Beach, Indian River County, FL</b>		PROFESSIONAL SERVICES 2023-Present	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		✓ Check if project performed with current firm	
<p><b>Project Administrator</b> This project includes roadway reconstruction, asphaltic concrete, both friction and structural. The drainage improvements includes structures, pipe culverts and french drains. Safety improvements include new guardrail, new signage and pavement markings. The existing bridge will be removed and a new bridge is being constructed. Channel work will include regrading the bank and installing shore rip rap, new sod along CR 612 from West of 74th Avenue to East of 74th Avenue for 0.18 miles.</p>				
B	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
	<b>Osceola County: Fortune Rd. to Lakeshore Blvd. Multi-Use Path FDOT LAP Project</b>		PROFESSIONAL SERVICES 2023	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		✓ Check if project performed with current firm	
<p><b>Project Administrator:</b> The project involves a 10' wide multi-use asphalt path along 7 miles of Fortune Road/East Lakeshore Boulevard. Construction includes extensive utility relocation coordination, public involvement, and coordination, subsoil excavation, dewatering, drainage improvements to include storm drains and swales, gravity wall, a 145' pedestrian bridge spanning the St. Cloud (C-31) Canal, environmental/wetland impacts, and intersection improvements at signalized intersections.</p>				
C	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
	<b>Florida Turnpike Enterprise: Resurface and Roadside Improvements MP 190.5 to 198.5, Osceola County, Florida</b>		PROFESSIONAL SERVICES 2022	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		✓ Check if project performed with current firm	
<p><b>Project Administrator:</b> This \$17M roadway construction project consists of milling and resurfacing, widening, cross slope corrections, super-elevation corrections, base reconstruction, bridge deck joint replacements and box culvert gunite spall repairs. This project also features safety and design improvement which included drainage, shoulder gutter, guardrail, thrie beam, signage, lighting, and ITS work for the Turnpike Mainline (SR 91) from MP 190.5 – MP 198.5 and the SR 60 Interchange.</p>				
D	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
	<b>Florida Turnpike Enterprise: Resurface and Roadside Improvements MP 153.23 to 169.32, St. Lucie County, Florida</b>		PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		✓ Check if project performed with current firm	
<p><b>Project Administrator:</b> This \$36ML project consists of milling and resurfacing, cross slope corrections, super-elevation corrections, base construction, bridge deck joint replacements and box culvert gunite spall repairs. This project also featured safety and design improvement which included drainage, shoulder gutter, guardrail, signage for the Turnpike Mainline (SR 91).</p>				
E	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
	<b>Florida Turnpike Enterprise: Resurface and Roadside Improvements MP 181.1 to 190.5, Okeechobee and Indian River Counties, Florida</b>		PROFESSIONAL SERVICES 2017-2018	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		✓ Check if project performed with current firm	
<p><b>Project Administrator:</b> This \$26M project consists of milling and resurfacing, cross slope corrections, super-elevation corrections, base construction, bridge deck joint replacements and box culvert gunite spall repairs. This project also featured safety and design improvement which included drainage, shoulder gutter, guardrail, signage for the Turnpike Mainline (SR 91) from Mile Post 178 – 190 in Indian River and Okeechobee Counties.</p>				


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

	12. NAME <b>Eric Lukas</b>	13. ROLE ON THIS CONTRACT <b>Senior Inspector</b>	14. YEARS EXPERIENCE	
			a. Total <b>24</b>	b. With Current Firm <b>8</b>
15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc. (CPC), in Orlando, Florida</b>				
16. EDUCATION (Degree and Specialization) <b>Bachelor of Arts, West Virginia University</b>		17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline)		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  <b>CTQP: TIN L22020471.</b> Earthwork Construction Inspection Level 1 & 2. Asphalt Paving Level 1 & 2. Final Estimates Level 1 & 2. FDOT Concrete Field Inspector Level 1. ACI Concrete Testing Technician I. QC Manager. Intermediate MOT. FDEP Stormwater Management Inspector. Hazmat for Nuclear Gauges. Radiation Safety & Use of Nuclear Gauge Operator's Course. Critical Structures Construction Issues.				
19. RELEVANT PROJECTS				
A	(1) TITLE AND LOCATION (City and State) <b>Osceola County: Fortune Rd. to Lakeshore Blvd. Multi-Use Path FDOT LAP Project, FM No. 437474-1-68-1. Kissimmee, FL.</b>		(2) YEAR COMPLETED 2022 - Present	
	<b>Senior Inspector:</b> The project involves a 10' wide multi-use asphalt path along 7 miles of Fortune Road/East Lakeshore Boulevard. Construction includes extensive utility relocation coordination, public involvement and coordination, subsoil excavation, dewatering, drainage improvements to include storm drains and swales, gravity wall, a 145' pedestrian bridge spanning the St. Cloud (C-31) Canal, environmental/wetland impacts, and intersection improvements at signalized intersections.			
B	(1) TITLE AND LOCATION (City and State) <b>FDOT District 5: CEI Group 205, 3 Fender Repair Projects and 1 Pile Jacket Project, Brevard County, FL.</b>		PROFESSIONAL SERVICES 2021 - 2022	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm <b>Inspector:</b> Projects include fender repairs on SR 520 over the Indian River (E53A7), SR 192 over the Indian River (E54A1), SR 401 over Barge Canal (E55A5), and Pile Jacket Installation on SR 520 over the St. Johns River. Work includes pile spall repairs, thermoplastic (FRP) component replacement, navigation lighting upgrades, and embedded, non-structural pile jackets. Mr. Martens provides full oversight over all four projects.			
C	(1) TITLE AND LOCATION (City and State) <b>FDOT District 5: Group 180 - SR 500 / US 441 from Lake Ella Rd to Avenida Central, FIN # 238395-5. Fruitland Park, FL.</b>		PROFESSIONAL SERVICES 2020 - 2021	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm <b>Roadway Inspector:</b> Widening from 4 to 6 lanes, turn lane improvements, bridge removal, roadway reprofiling to an at-grade intersection, and intersection reconstruction with signalization. Responsibilities included temporary critical wall construction, H-pile installation and lagging, earthwork, drainage installation, MOT, photo documentation, erosion control, oversight of junior inspectors, and other duties as needed in order to assist the Senior Inspector.			
D	(1) TITLE AND LOCATION (City and State) <b>FDOT District 5: Group 178 - SR 33 Bridge over Green Swamp, Polk City, FL.</b>		PROFESSIONAL SERVICES 2020 - 2021	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm <b>Roadway Inspector:</b> SR 33 at this location is a 2-lane, 2-way rural roadway, and the project involved the removal and replacement of the existing structurally deficient bridge. Traffic was diverted onto a temporary ACROW bridge for staged construction. Responsibilities included earthwork, pile driving, ACROW bridge installation inspection, bridge demolition, concrete testing, asphalt paving and striping, signing, and other duties as needed to assist the Senior Inspector.			
E	(1) TITLE AND LOCATION (City and State) <b>FDOT District 5: Group 178 - SR 33 at CR 561, Green Pond, FL.</b>		PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm <b>Roadway Inspector:</b> This project involved intersection widening and turn lane construction. Responsibilities included earthwork, Density Log Book management, drainage installations, asphalt paving, signing, and pavement markings.			

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

	12. NAME <b>Robert Martens</b>	13. ROLE ON THIS CONTRACT <b>Project Administrator</b>	14. YEARS EXPERIENCE	
			a. Total <b>23</b>	b. With Current Firm <b>6</b>
15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc. (CPC), in Orlando, Florida</b>				
16. EDUCATION (Degree and Specialization) <b>High School Graduate</b>		17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline)		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  <b>CTQP: TIN M63577072.</b> Earthwork Inspection Level 1 & 2. Asphalt Paving Technician Level 1 & 2. Final Estimates Level 1 & 2. QC Manager. Troxler Nuclear Gauge Safety Certification. ATSSA Advanced MOT. DEP Storm Water Management Inspector. MSE Wall Inspection. Critical Structures Construction Issues. IATA. <i>FDOT Courses:</i> CEI Project Management - Asphalt Concrete Plant Superpave Training - ENGMENU for Windows - Subgrade and Base Inspection - Engineering Menu System - Processing Contract Changes - Utility Relocation - Management Academy - Supervisors Academy - Project Administrators Academy - Karrass Formal Negotiations Academy.				
19. RELEVANT PROJECTS				
A	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
	<b>Osceola County: Fortune Rd. to Lakeshore Blvd. Multi-Use Path FDOT LAP Project, FM No. 437474-1-68-1.</b> Kissimmee, FL.		2022 - Present	
<b>Project Administrator:</b> The project involves a 10' wide multi-use asphalt path along 7 miles of Fortune Road/East Lakeshore Boulevard. Construction includes extensive utility relocation coordination, public involvement and coordination, subsoil excavation, dewatering, drainage improvements to include storm drains and swales, gravity wall, a 145' pedestrian bridge spanning the St. Cloud (C-31) Canal, environmental/wetland impacts, and intersection improvements at signalized intersections.				
B	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
	<b>FDOT District 5: CEI Group 205, 3 Fender Repair Projects and 1 Pile Jacket Project,</b> Brevard County, FL.		PROFESSIONAL SERVICES 2021 - 2022	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Project Administrator:</b> Projects include fender repairs on SR 520 over the Indian River (E53A7), SR 192 over the Indian River (E54A1), SR 401 over Barge Canal (E55A5), and Pile Jacket Installation on SR 520 over the St. Johns River. Work includes pile spall repairs, thermoplastic (FRP) component replacement, navigation lighting upgrades, and embedded, non-structural pile jackets. Mr. Martens provides full oversight over all four projects.				
C	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
	<b>Seminole Tribe of Florida: Lakeland Reservation Infrastructure Development Phase 1 Construction.</b> Lakeland Trust, FL.		PROFESSIONAL SERVICES 2019 - Present	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Project Administrator:</b> Mr. Martens serves as Project Administrator for this new Seminole Indian Reservation located within the Lakeland Trust Land in Polk County. The project has approximately 10,000 linear feet of roadway with approximately 47 proposed single-family 1.0 acre lots. The scope of services includes construction and certification of the stormwater management system, paving, grading and drainage, street lighting, electrical, communications, water, and wastewater infrastructure improvements for the project.				
D	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
	<b>FDOT District 5: CEI Group Projects,</b> Various locations, FL.		PROFESSIONAL SERVICES 2013 - 2018	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm <b>Project Manager:</b> Over 5 years as a Project Manager, Mr. Martens was responsible for daily project management and oversight of multiple complex roadway projects, and CEI group projects, many simultaneously, from preconstruction through final estimate/acceptance. Principle oversight of CEI group projects, from proposal through completion, reviewing budgets, contracts, schedule and invoicing, providing project management and change document approval, and direction to project management personnel /Senior Project Engineer (SPE's) on CEI projects.				
E	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
	<b>FDOT District 5: Project Oversight II,</b> Various locations, FL.		PROFESSIONAL SERVICES 2005 - 2018	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Sr. Project Oversight II/Project Administrator:</b> Over 13 years at FDOT administering projects. Duties included successfully negotiating settlements for the Department with contractors, utility companies, and local agencies. Having worked closely with the Federal Highway Administration on full federally-funded construction projects, he successfully complied with federal audits, providing relevant, factual, complete information and documentation, performed routine project management tasks including CPM schedule review, materials review, and data entry, and monthly estimates review. Additional responsibilities included supervising multiple inspectors, contract support specialist, and developing and executing Supplemental Agreements and Work Orders, time extension requests, entitlement analyses, and reports. Attending Management Academy enabled Mr. Martens to learn to lead and best utilize his team through trust and encouragement, guiding them to become vested in the company's mission. In attending the Supervisory Academy, he learned to effectively assign work, follow up on tasks, counsel employees with issues or violations, and help them to develop a Personal Improvement Plan (PIP). Other training included Company, Federal EEO, and ADA requirements.				

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


	12. NAME <b>Sayedtaqi Haider</b>	13. ROLE ON THIS CONTRACT <b>Roadway Inspector</b>	14. YEARS EXPERIENCE	
			a. Total <b>23</b>	b. With Current Firm <b>7</b>
15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc.</b>				
16. EDUCATION (Degree and Specialization) <b>B.S. Civil Engineering, Osmania University, India</b>			17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>N/A</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  Mr. Haider is a senior roadway inspector with over 23 years of experience in Construction Engineering and Inspection (CEI). He offers an extensive background in Civil Engineering, as well as many other aspects of the Construction Engineering Industry including, roadway/plant inspection and construction materials testing. He is very knowledgeable about the current MOT standards and processes. Taqi has played a key Team member on numerous successfully completed projects in many districts throughout the State of Florida over the last eight (8) years. He is proficient in Microsoft Office Suites, Site Manager, and LIMS. Mr. Haider's education and work experience allow him to assume a variety of responsibilities. CTQP TIN: H36078068 - Asphalt Paving Level 1 & 2, Earthwork Construction Level 1 & 2, Concrete Field Technician Level 1, Final Estimates Level 1, ACI Concrete Field Technician Level 1, Radiation Safety & Use of Nuclear Gauge Operator's Course, HAZMAT, FDOT Critical Structures Construction Issues, MOT Intermediate, FDEP Stormwater Inspector				

## 19. RELEVANT PROJECTS

A	(1) TITLE AND LOCATION (City and State) <b>FDOT District 2: SR 10 / US 90 - CR 231, Columbia Co.</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2020-Present		CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm <b>Senior Roadway Inspector:</b> Mr. Haider is Lead Senior Inspector for project 441258-1. This project involves milling and resurfacing, base work, drainage improvements, curb & gutter, traffic signals, highway signing, sidewalks, permanent sheet pile wall, grout injections and geosynthetic stabilization. Mr. Haider is a backup Senior Inspector for project 433957-1. This project involves of Milling & Resurfacing, Base Work, Shoulder Treatment, Drainage Improvements, Curb & Gutters, Highway Signing, Guardrail, Box Culverts, Bridges and other incidental construction on CR 231 over New River Bridge Replacement on CR 231.			
B	(1) TITLE AND LOCATION (City and State) <b>Seminole Tribe of Florida (STOF): Lakeland Reservation Infrastructure Development, Polk Co.</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2019-2020		CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm <b>Senior Roadway Inspector:</b> Mr. Haider serves as Senior Inspector for this new Seminole Indian Reservation located within the Lakeland Trust Land in Polk County. The project has approximately 10,000 linear feet of roadway with approximately 47 proposed single family 1.0 acre lots. The scope of services includes construction and certification of the stormwater management system, paving, grading and drainage, street lighting, electrical, communications, water and wastewater infrastructure improvements for the project.			
C	(1) TITLE AND LOCATION (City and State) <b>Florida Turnpike Enterprise: MP 8 - 21 Sign Replacements., Various Counties</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2018-2019		CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm <b>Roadway Inspector:</b> This \$2,000,000 project involved overhead cantilever and post sign panel replacements along the Sun Coast Parkway, Polk Parkway, and Turnpike between the Okahumpka and Pompano Beach service plazas, along with area-wide signing upgrades for SR-91 (Turnpike), SR-417 and SR-429. Responsibilities included sign inspection, measurement, and installation per the plans and standard details, overhead sign structure and slip base foundation installation, thermoplastic messages, MOT review, pay item tracking, and construction documentation.			
D	(1) TITLE AND LOCATION (City and State) <b>FDOT District 4: SR-93/I-75., Miami-Dade/Broward CL.</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016-2018		CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm <b>Roadway Inspector:</b> This I-75 project is part of the Strategic Intermodal System and the Florida Intrastate Highway System which provide regional connectivity between southeast and southwest Florida. The I-75 project included the addition of two reversible / managed lanes within the median of I-75, physically separated from the existing mainline lanes. These new lanes along I-75 are in the managed lanes network that is being developed by the Florida Department of Transportation. This includes managed lanes along I-595 to the north and the Palmetto Expressway to the south, as well as value-priced lanes along the Gratiigny Expressway and the Sawgrass Expressway.			
E	(1) TITLE AND LOCATION (City and State) <b>FDOT District 1: I-75 from Lee CL to Tuckers Grade. Charlotte Co.</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2015-2016		CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm <b>Roadway Inspector:</b> This 24 million-dollar re-construction project of approximately nine miles of I-75 from four to six lanes in Charlotte County. The work includes bridge widening, roadway reconstruction, milling and resurfacing, storm drainage pipe, pond construction, guardrail installation, and signing and pavement markings.			



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

	12. NAME	13. ROLE ON THIS CONTRACT	14. YEARS EXPERIENCE	
	Herb Tillman	Project Manager	a. Total 41	b. With Current Firm 4
15. FIRM NAME AND LOCATION (City and State) Carnahan, Proctor and Cross Inc., Deerfield Beach, Florida				

16. EDUCATION (Degree and Specialization)  
B.A., University of Miami

17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline)  
TIN # T45532752


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

Mr. Tillman is a successful professional with extensive experience managing construction and development projects. He has managed over \$3 Billion dollars' worth of projects through all phases of the construction and development process. His experience includes full-service operations and project management, including acquisition, due diligence, entitlements, planning, design, land development, vertical construction, and product delivery. CTQPs include TIN T45532752, QC Manager Final Estimates Level 1 & 2, Asphalt Paving Level 1 & 2, Earthwork Construction Inspection, Level 1 & 2, Advanced (TTC/MOT) Temporary Traffic Control, Nuclear Radiation Safety Certificate, Hazmat.

## 19. RELEVANT PROJECTS


A	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	City of Delray Beach, Memorial Gardens Mausoleum Expansion, Delray Beach, FL	PROFESSIONAL SERVICES 2023-Present	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager: The Parks & Recreation department oversees the Delray Beach Memorial Gardens Municipal Cemetery and administers the purchasing of cemetery plots, interments, and perpetual care of 38.7 acres. Two new Mausoleum Buildings and a new Columbarium at the Cemetery will allow for additional grave space and niche burials. The City would like to expand the municipal Memorial Gardens Mausoleum by engaging CPC to design, permit and administer the construction of these improvements. CPC is a professional service provider for the City of Delray Beach under a CSC and was awarded this contract for this design, permitting, and CA work. Responsibilities will also include reviewing and providing comments on and approval of all shop drawings, submittals, and Requests for Information (RFI) from the City's selected Contractor (GC). CPC will attend the City Kick-off meeting with the Contractor and attend the Construction Progress meetings with both the City and Contractor during the construction of these improvements. CPC currently performs construction inspections that include both field inspections and final inspections, punch list items, permit close-out documents, and letters of substantial completion to the City. The scope of work also includes CPC performing surveying services including topographic and GPR locations, subsurface utility and engineering (SUE) services, geotechnical investigation & soils report, construction administration services, and construction inspections.		
B	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	City of Delray Beach, Currie Commons Park, Delray Beach, FL	PROFESSIONAL SERVICES 2023-Present	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager: CPC is a professional service provider for the City of Delray Beach under a CSC. The City would like to demolish & remove the existing Facilities Restroom & Storage Building located at 700 SE 2nd Ave in Delray Beach. They will purchase & install a new Prefabricated Restrooms Building in its place. The scope of work includes CPC performing all site work civil engineering & architectural design, surveying services, including topographic and GPR locations, subsurface utility and engineering (SUE) services, geotechnical investigation & soils report and construction administrative services, and construction inspection services. CPC was awarded this design contract with responsibilities to include scheduling and attending a City Kick-off meeting with City Staff to determine programming needs for the new facility and comments on the design deliverables and to attend the Construction Progress meetings with both the City and its Contractor. CPC will perform the Site inspections and Final Inspections, Punch List, permit close-out documents, and issue a letter of substantial completion to the City. Construction administration includes reviewing and providing comments on and approval of all shop drawings, submittals, and Requests for Information (RFI) from the City's selected Contractor (GC). CPC will also provide construction inspections.		
C	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	City of Margate, Q Hut Replacement Project, Margate, FL	PROFESSIONAL SERVICES 2023-Present	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager: CPC is a professional services provider for the City of Margate and was selected to oversee this project. CPC is directing & coordinating all aspects including the Architecture, Mechanical Electrical, and Plumbing (MEP), Civil Design, and Construction Management Services for the Q Hut which is a prefabricated steel structure. This project includes the complete replacement of an existing Public Works Department Storage & Maintenance Facility which has recently been deemed to have reached the end of its useful life.		
D	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	City of Margate, Complete Streets Roadway Reconstruction of NW 08 <sup>th</sup> Street from NW 67 <sup>th</sup> Avenue to NW 69 <sup>th</sup> Avenue, Margate, FL	PROFESSIONAL SERVICES 2022-2023	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager: Under our Continuing Professional Services Contract with the City of Margate, CPC was selected to perform complete civil engineering design services, surveying, permitting, bidding and post design services for Roadway Reconstruction of NW 8th Street between NW 67th Avenue to NW 69th Avenue. This Complete Streets reconstruction which includes the replacing existing 2" galvanized water main with a new 6" PVC water main & service laterals, valves and fire hydrants. Replacing and/or adjusting existing sidewalks & driveway approaches as needed, new pavement markings, and adjusting existing landscape swales and utility manholes for improved stormwater runoff design. The design will comply with the American Water Works Association (AWWA), Americans with Disabilities Act (ADA), codes, ordinances, rules, orders and other legal requirements of public authorities having jurisdiction.		
E	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	City of Margate, Winfield, & Lemon Tree Parks Improvements, Margate, FL	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Construction Manager: Mr. Tillman worked with CPC's Engineer of Record for the implementation of ADA Compliant Floating Dock systems, sidewalks, and pedestrian park access. The design included new docks and support piling system, parking, and pavement marking. A Blueway Trail water pathway signage was also included in the Winfield Project.		

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

	12. NAME <b>Philippe Kean, EI</b>	13. ROLE ON THIS CONTRACT <b>Project Engineer</b>	14. YEARS EXPERIENCE	
			a. Total <b>3</b>	b. With Current Firm <b>2</b>
15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc., Deerfield Beach, Florida</b>				
16. EDUCATION (Degree and Specialization) <b>B.S. Civil Engineering, University of Central Florida</b>			17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Kean has been immersed in the South Florida construction industry from a young age. Phil brings a lifetime of constructability and design experience to the CPC team. He is experienced in all aspects of project development from performing due diligence at the inception of a project to developing engineering plans, specifications, and models to performing site inspections and project closeouts. Phil is experienced in utilizing the latest engineering software for cost-effective development of engineering design including, AutoCAD Civil 3D, Stormwater Modeling in ICPR software, ASAD LT, BMP Trains, SAP 2000, BIM, Revit, and Water CAD. Phil has developed engineering designs for Private and Public sanitary sewer, and potable water infrastructure systems.				
19. RELEVANT PROJECTS				
A	(1) TITLE AND LOCATION (City and State) <b>City of Deerfield Beach, N. Ocean Drive (A1A) S-Curve Streetscape Improvements.</b>		(2) YEAR COMPLETED PROFESSIONAL SERVICES 2021	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Engineer:</b> CPC is providing civil engineering and surveying services to the CRA to design and permit the improvements of the project limits that include approximately 1,500 LF of existing right-of-way from the intersection of N. Ocean Dr (A1A) & NE 2nd St to N. Ocean Dr and NE 4th Ct. The goals of the CRA include upgrading turtle-friendly lighting that enhances the aesthetics and safety of the corridor in accordance with the Deerfield Beach Complete Streets Guidelines and to provide cost-effective design, coordination, and construction services for the undergrounding of overhead utilities.		✓ Check if project performed with current firm	
B	(1) TITLE AND LOCATION (City and State) <b>Becker Road Extension, Port St. Lucie, Florida</b>		(2) YEAR COMPLETED PROFESSIONAL SERVICES 2021	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Engineer:</b> As the Prime Consultant, CPC provided Roadway planning, Water and Wastewater Infrastructure design, Roadway Design, Surveying and CEI services for the Becker Road Roadway and Utility Extension Project. CPC provided roadway planning for the extension of Becker Road from SW Village Parkway to SW Community Blvd. (over 2 Miles). Provided full design, and permitting of Phase 1 for over a mile of 16" Water main and 12" Force main extensions of the planned Becker Roadway and Utility Extension. The water and force main design included a subaqueous crossing of the primary conveyance canal for the Southern Groves DRI. Successfully permitted project through Port St. Lucie Utility Department, Port St. Lucie, Public Works Department, Stormwater Permitting through, South Florida Water Management District (SFWMD), Environmental Resource Permit (ERP), Storm Water Management Section, and United States Army Corps of Engineers (USACE). The preparation of 1.15 Miles (Phase 1), of a 2-lane divide urban roadway plans included curb and gutter median and 6-foot sidewalks. The 2 lanes were designed following City of Port St. Lucie criteria. The roadway design provided the required room for future roadway widening that will be required in the future as more development continues. An enclosed drainage system was designed as part of the roadway plans. Close coordination with SFWMD and the City of Port St. Lucie were required to complete the drainage system improvement and installation of new triple 60" Culverts for crossing of the primary conveyance canal for the Southern Groves DRI. Design of the extension of utility mains included a 16" potable water main, 12" sewer force main, 8" reuse water main for irrigation, and a City owned Fiberoptic communication line. CPC managed and facilitated Landscape Architect subconsultant for the design of the proposed roadway landscape and irrigation system with capacity to serve both Phase 1 and 2 of the Roadway extension project.		✓ Check if project performed with current firm	
C	(1) TITLE AND LOCATION (City and State) <b>Bergeron Park of Commerce South, Stormwater Master Planning, Pembroke Pines, FL</b>		(2) YEAR COMPLETED PROFESSIONAL SERVICES 2021	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Engineer:</b> The Bergeron Park of Commerce South is a 177-acre commercial and light industrial complex located within a 496-acre mixed-use master-planned stormwater management system known as Bergeron Park of Commerce South. The master-planned project consists of industrial, residential and commercial land use elements. CPC developed the master stormwater model for this project utilizing ICPR software to allow for the maximization of the industrial land use while maximizing the utilization of available stormwater elements and features, including the utilization of the large FPL easement to serve a dual purpose for stormwater treatment for water quality. Over the past 2 decades as well as currently, CPC also performed Construction Engineering Inspection services for the earthwork, roadways, paving and drainage systems, water distribution systems, sewer collection systems, sewer lift stations, and site lighting. CPC has provided multiple engineering design, ICPR Model updates, and permit modifications for the development of the individual parcels and projects within the industrial park including Bergeron Land Development Headquarters Building, a 178,000 square foot distribution center, as well as commercial/ retail space, and large scale outdoor storage.		✓ Check if project performed with current firm	
D	(1) TITLE AND LOCATION (City and State) <b>Seminole Tribe of Florida, Lakeland Reservation, Lakeland Trust Infrastructure Development, Phase 1, Phase 2, and Phase 3 Designs, Polk County, FL</b>		(2) YEAR COMPLETED PROFESSIONAL SERVICES 2021	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Engineer:</b> The Lakeland Trust Land in Polk County is approximately 800-acre community has a country feel with abundant water features, trees and other vegetation. CPC has completed the master plan and design for Phase 1 which is under construction. Phase 1 has 47 proposed single family 1.0 acre lots and approximately 10,000 linear feet of roadway. The scope of services includes construction and certification of the stormwater management system, paving, grading and drainage, street lighting, electrical, communications, water and wastewater infrastructure improvements. ICPR models were developed to evaluate the proposed stormwater management system for various rainfall simulations (10yr, 25yr, 50yr and 100yr-1day). CPC followed SWFWMD regulations, which is mandated by the Seminole Tribe of Florida's Environmental Resource Management Department for this location.		✓ Check if project performed with current firm	




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

	12. NAME <b>Luis Eduardo Baquero</b>	13. ROLE ON THIS CONTRACT <b>Building Inspector</b>	14. YEARS EXPERIENCE	
			a. Total <b>21</b>	b. With Current Firm <b>2</b>
15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc.</b>				
16. EDUCATION (Degree and Specialization) <b>Construction Management-Palm Beach Community College</b>			17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>N/A</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)				
<p>Mr. Baquero offers extensive, hands-on supervisory experience in commercial, industrial, and residential construction. He assists with plan interpretation, take-off &amp; estimating, building codes compliance &amp; applications, quality control, workplace safety &amp; training. As a State Certified Residential Contractor, a Licensed Structural Inspector, an ICC Certified Construction Inspector &amp; an OSHA 500 Safety Certified Trainer, his extensive experience as a former OSHA Certified Safety Trainer and Consultant, Mr. Baquero is able to advise &amp; direct personnel to maintain compliance with all Florida Building Codes and standards of OSHA Workplace Safety compliance. In practicing and maintaining these certifications and licenses, Mr. Baquero possesses an innate ability to perform duties as a construction inspector while managing adherence to the safety program on-site, conducting inspections, and accident investigations, and maintaining record-keeping requirements. His extensive knowledge of state &amp; national building codes paired with his bilingual capabilities allows him to foresee any potential problems and communicate these along with possible solutions in both English and Spanish before they are manifested in the workplace. State of Florida Certified Residential Contractor &amp; Structural Building Inspector. Structural Masonry and Concrete Inspector. University of Florida, "My Safe Florida Home" Inspector Certification, University of FL, West Palm Beach, FL, Occupational Safety &amp; Health Administration (OSHA) Standards. #500 Trainer Course, Construction Industry. #510 General Industry. OSHA, Construction &amp; General Industry, Authorized Trainer, (10 Hr. &amp; 30 Hr. Trainer). First Aid &amp; CPR certified. Authorized Trainer/Inspector &amp; Wind and Hurricane Mitigation Inspector. International Code Council (ICC), Structural Building Inspector. Environmental Protection Agency (EPA), Storm Water Management Inspector. Asphalt paving Levels I &amp; II.</p>				

## 19. RELEVANT PROJECTS

A	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Seminole Tribe of Florida (STOF) Brighton Reservation – Flowing Well Home Inspection Services, Glades Co., Florida.</b>	PROFESSIONAL SERVICES <b>2021-Present</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>CEI Building Inspector:</b> Project is located on the Brighton Indian Reservation and includes land development activities for the Flowing Well Housing Development project. The project scope of work includes land development and associated facilities required for 30 single-family Tribal members (1 acre) and 40 single-family rentals (0.25 acre) homesites. CPC is providing Quality Control Home Construction Inspections Services for this project observing the General Contractor's construction and reporting the observed quality of the product to the Owner's (STOF) Construction Manager.		
B	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Baquero Construction and Inspections LLC, Coconut Creek, Florida.</b>	PROFESSIONAL SERVICES <b>2021</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Contractor:</b> Mr. Baquero served as a Safety and Structural Consultant for international investors outside the USA, providing inspections and assessing commercial and residential properties for public, private, and real estate companies and individual property owners and investors.		
C	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Peoples Trust Insurance, Deerfield Beach, Florida.</b>	PROFESSIONAL SERVICES <b>2019-2021</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Field Risk Evaluator:</b> Mr. Baquero served as a Field Risk Evaluator for Peoples Trust Insurance. He provided Insurance inspections for one-story and two-story residential properties, including interior, exterior, and roofs, identifying liabilities and potential risks, and assembling reports with photos to document the general condition of the dwelling.		
D	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Building Department - City of West Palm Beach, West Palm Beach, Florida.</b>	PROFESSIONAL SERVICES <b>2017-2019</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Structural Building Inspector:</b> Mr. Baquero served many years as a Structural Building Inspector, Inspector I for the City of West Palm Beach Building Department. He was responsible for inspecting new and existing residential, commercial, and industrial properties during construction for conformance to Florida building codes, regulations, plans, specifications, and standards. During this time, the County benefitted from his interactions with contractors, engineers, architects, and others, regarding the progress, scheduling, compliance identifying project issues & developing and implementing solutions.		
E	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Centex Homes-Southeast Division, Construction., West Palm Beach, Florida.</b>	PROFESSIONAL SERVICES <b>2015-2017</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Quality Control &amp; Environmental (EPA) Inspector:</b> Mr. Baquero served as a Quality Control Inspector and Environmental (EPA) Inspector, He was responsible for assembling a corporate Product Quality Control Program to develop minimum quality standards and to train site personnel to improve the quality of work and final product. In execution of the Program, he also regularly conducted audits for environmental compliance during construction. The Quality Control Inspections contributed to the company's highest levels of customer satisfaction to date and overcame past QA/QC issues that were prevalent in the industry in previous years. As a Quality Control Inspector, Mr. Baquero developed and implemented quality checklists for each trade. Construction deficiencies were eliminated throughout the division.		


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

	12. NAME <b>Jeremy Jones</b>	13. ROLE ON THIS CONTRACT <b>Senior V.P. Geomatics – 3D Laser Scanning / BIM Specialist</b>	14. YEARS EXPERIENCE	
			a. Total <b>30</b>	b. With Current Firm <b>8</b>
15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc. (CPC), in Orlando, Florida</b>				
16. EDUCATION (Degree and Specialization) <b>Civil Engineering Tech, University of South Carolina-Aiken, 2000 Surveying Certificate, Technical College of the Lowcountry (S.C.), 2002</b>		17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline)		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Jones' more than 30 years of experience include niche expertise in the geospatial industry, with a focus on 3D Laser Scanning and Building Information Modeling (BIM). He was part of a Harvard/NIST team that created the chapter and addendum to the Building Information Model Guide for the U.S. General Services Administration (GSA). Mr. Jones is also highly experienced in municipal and commercial construction. That includes support services of GIS, topographic surveys, boundary surveys, ALTA surveys, construction surveys, design survey data collection and complex construction as-built verification.				

## 19. RELEVANT PROJECTS

A	(1) TITLE AND LOCATION (City and State) <b>City of Deerfield Beach, N. Ocean Drive A1A S-Curve Streetscape Improvements, Deerfield Beach, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2020-Present	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager: CPC is providing civil engineering & surveying services to the CRA to design and permit the improvements of the project limits that include approximately 1,500 LF of existing right-of-way from the intersection of N. Ocean Drive (A1A) and NE 2nd Street to N. Ocean Drive and NE 4th Court. The goals of the CRA include upgrading turtle-friendly lighting that enhances the aesthetics and safety of the corridor in accordance with the Deerfield Beach Complete Streets Guidelines and providing cost-effective design, coordination, and construction services for the undergrounding of overhead utilities.		
B	(1) TITLE AND LOCATION (City and State) <b>City of Deerfield Beach Survey Asset Collection, Deerfield Beach, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager: The city's goal is to create a sidewalk and curb ramp inventory of public rights of way located within the City's incorporation limits on local city-owned roadways and streets. The City retained Carnahan, Proctor Cross, Inc. (CPC) to provide data collection of 390 pedestrian facilities such as sidewalks, curb ramps and crosswalks. We provided a GIS layer of all city sidewalks and locations for curb ramps with an assessment of the accessibility of the curb ramps. Under our contract with the City, CPC identified all properties and rights of way owned/maintained by the City of Deerfield Beach in the desired location. This process was completed through online research and coordination meetings with the city's GIS Director. CPC develop a phasing plan for the fieldwork effort and identified the priority locations based on existing complaints to the city. CPC utilized "Survey123" software (an ESRI) product to develop the data collection pattern with feedback from the GIS Director. The main subject of the collection was to identify any unique identifiers, taking photos, GPS location, landings, slopes, and detectable mats. Executing a field data collection plan, multiple teams of one person were mobile and equipped with a tablet running Survey123. For fieldwork, the system can run on a wireless device that has internet access. These tablets were networked and provided "live" information back to the city's GIS data center daily. The data provided to the City under this program allows the City to identify ADA non-compliance pedestrian ramps based on Federal ADA pedestrian facilities criteria. Non-conforming sidewalks increase the risk of pedestrian accidents representing a potential liability for the City. The use of GIS capability allows the City to map out the ADA deficient pedestrian crossings to establish priorities for repairs and or replacement of deficient pedestrian ramps. The number of ADA non-compliance ramps will also assist the City in determining and allocating City funds to implement the necessary repairs. Developing a pedestrian ramps ADA compliance improvement program reduces the City's liability by demonstrating an action plan.		
C	(1) TITLE AND LOCATION (City and State) <b>City of Ormond Beach Water Main Replacement, Ormond Beach, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager: Mr. Jones provided 3D Laser Scanning and QA/QC for a survey of approximately 24,500 feet of the City's proposed water main replacement project. Work included a control survey and determination of right-of-way lines. Additional Topographic Survey was done to locate all drives, sidewalks, hydrants and more along the route. Fifty-foot cross-sections were collected along with additional intersection details. All manholes, invert elevations and sizes were included in the survey.		
D	(1) TITLE AND LOCATION (City and State) <b>Merritt Island Pressure Improvement Project, Florida City Gas/AGL, Cape Canaveral &amp; Cocoa, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager: Performed 3D Laser Scans, registration, cloud clean-up, and created a model of major vertical features and a topographic mesh of North Atlantic Avenue and US A1A intersection. CPC is providing route selection, route surveying, and design plans for the installation of an 8-inch steel High-Pressure gas main to be located in North Atlantic Avenue and US A1A from George King Boulevard to SR 520. This project includes close coordination with the City of Cape Canaveral, Brevard County, the City of Cocoa, FDOT, and both private and public utilities in the area.		
E	(1) TITLE AND LOCATION (City and State) <b>Fort Florida Road Utility Improvements, DeBary, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager: This project was located in DeBary FL and the project consisted of adding a Reclaimed Waterline, Sanitary Forcemain, and Waterline to facilitate a new 700+/- new housing community. Existing utilities were designated and conflicts were located to avoid interruptions during construction. Construction staking of all new utilities was done as well as the as-built survey.		


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

	12. NAME <b>Landon "Alfie" Cross, PSM</b>	13. ROLE ON THIS CONTRACT <b>Senior Project Surveyor</b>	14. YEARS EXPERIENCE	
			a. Total <b>52</b>	b. With Current Firm <b>37</b>
15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc., Deerfield Beach, Florida</b>				
16. EDUCATION (Degree and Specialization) <b>Land Surveying, Palm Beach Junior College, 1982</b>		17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>Registered Professional Surveyor &amp; Mapper Florida No. 3348</b>		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  Mr. Cross has managed an extensive list of projects in his 51 years as a Professional Land Surveyor and Mapper (PSM) throughout the state of Florida for both governmental and private clients. Those include the Seminole Tribe of Florida (STOF), Florida City Gas/NextEra, Florida Power, and Light Company, Florida Department of Transportation (Districts 4 and 6), and numerous local municipalities. He has completed hundreds of survey and mapping projects using conventional survey equipment, state-of-the-art GPS and Laser systems for pre- and post-construction and to as-built horizontal and vertical information for buildings and land.				

## 19. RELEVANT PROJECTS

A	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>City of Margate, Complete Streets Roadway Reconstruction of NW 8<sup>th</sup> Street from NW 67<sup>th</sup> Avenue to NW 69<sup>th</sup> Avenue, Margate, Florida</b>	PROFESSIONAL SERVICES 2023	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm  <b>Senior Survey Project Manager:</b> Under our Continuing Professional Services Contract with the City of Margate, CPC was selected to perform complete civil engineering design services, surveying, permitting, bidding and post design services for Roadway Reconstruction of NW 8 <sup>th</sup> Street between NW 67 <sup>th</sup> Avenue to NW 69 <sup>th</sup> Avenue. This Complete Streets reconstruction which includes the replacing existing 2" galvanized water main with a new 6" PVC water main & service laterals, valves and fire hydrants. Replacing and/or adjusting existing sidewalks & driveway approaches as needed, new pavement markings, and adjusting existing landscape swales and utility manholes for improved stormwater runoff design. The design will comply with the American Water Works Association (AWWA), Americans with Disabilities Act (ADA), codes, ordinances, rules, orders and other legal requirements of public authorities having jurisdiction.		
B	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Town of Davie, Drainage Study. Davie, Florida</b>	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm  <b>Senior Project Surveyor:</b> This 200-acre site was one of the largest drainage studies we have completed. Surveying tasks included 3D Laser Scanning, Drone Aerial photography, GPS and Topographic tasks for five (5) detailed areas, 80 structures, and outfalls.		
C	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>City of Delray Beach Police Headquarters, City Hall &amp; Community Center Evaluation for Renovation or Replacement. Delray Beach, Florida</b>	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm  <b>Senior Project Surveyor:</b> CPC is providing professional engineering services under a continuing services contract for the evaluation of the municipal facilities. Services include boundary and topographic survey, existing structural assessment elements, material review and needs assessment. The site encompasses over 30 acres with the City Hall, Community Center, Safety Center (Police and Fire), City Law offices and a professional tennis stadium.		
D	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>City of Margate, Winfield, and Lemon Tree Parks, Margate, Florida</b>	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm  <b>Senior Project Surveyor:</b> Engineer of record and project manager for the implementation of Floating Dock system, sidewalks and pedestrian compliance park access. The design included docks support piling system, parking, and pavement marking. A water pathway signing and marquee are included.		
E	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>City of Coconut Creek, Maintenance Maps, Lyons Road, Coconut Creek, Florida</b>	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm  <b>Senior Project Surveyor:</b> This Surveying and Mapping project involved Maintenance Maps for three (3) Right-of-Way areas along Lyons Road. CPC survey field crew located updated topographic data for these sites. Previous FDOT Right-of-Way maps were used as alignment.		

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


	12. NAME <b>James Quartel, PSM</b>	13. ROLE ON THIS CONTRACT <b>Senior Project Surveyor</b>	14. YEARS EXPERIENCE	
			a. Total <b>50+</b>	b. With Current Firm <b>5</b>
15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc. (CPC), in Orlando, Florida</b>				
16. EDUCATION (Degree and Specialization) <b>Associate of Science degree, Civil and Architectural Engineering Technology, Valencia Junior College, 1982</b>			17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>Florida Professional Surveyor and Mapper license, no. LS6032</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  Mr. Quartel has more than 50 years of experience in surveying, including the preparation of design, topographic, right-of-way, FDOT design-build, FEMA, ALTA, wetland, and As-Built surveys. He has managed control mapping, private and municipal platting, GPS network control, elevation certificates, and design-build projects at Orlando International Airport, for Florida's Turnpike and FDOT districts 2, 4, and 5. Mr. Quartel has also managed multiple municipal and state continuing service contracts concurrently.				


## 19. RELEVANT PROJECTS

A	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>City of Ormond Beach Water Main Replacement</b>	2016	
Mr. Quartel provided QA/QC for a survey of approximately 24,500 feet of the proposed City of Ormond Beach Water main replacement project. The project included a Control Survey and the determination of apparent Right-of-way lines. Additionally, a topographic survey was performed locating all drives, sidewalks, hydrants, and other features along the route. Fifty-foot cross sections were collected along with additional intersection details. All manholes, inverted elevations, and sizes were included in the survey.			
B	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>SeaWorld theme park surveying – master services agreement</b> Orlando, Florida	PROFESSIONAL SERVICES 2010 - present	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Surveyor &amp; Client Manager:</b> Managed the survey crew performance of utility coordination (SUE) and various forms of surveying on existing theme park facilities and expansion projects. Surveying work is conducted at night while parks are closed. Complete digital terrain models and design surveys have been provided to the client.			
C	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Florida Power and Light (FPL) continuing survey services</b> Throughout the state of Florida	PROFESSIONAL SERVICES 2010 - present	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Surveyor &amp; Client Manager:</b> Mr. Quartel has overseen numerous assignments for various forms of surveying and construction staking on an as-needed basis for five of FPL's eight Florida regions.			
D	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>City of Orlando – Surveying and mapping continuing services</b> Orlando, Florida	PROFESSIONAL SERVICES 2003 - 2009	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Manager:</b> Oversaw back-to-back continuing survey services contracts with the City. Projects ranged in nature from boundary and acquisition surveys to engineering design and construction as-built surveys. Notable projects included surveys and platting for the Orlando Events Center with the adjacent parking garage, and engineering design and right-of-way acquisition surveys for Mercy Road from S.R. 50 to Silver Star Road.			
E	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Rollins College surveying projects</b> Winter Park, Florida	PROFESSIONAL SERVICES 2010 - present	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Project Surveyor &amp; Client Manager:</b> Mr. Quartel has managed this long-term client relationship for numerous topographic and boundary surveys, including a redesigned lacrosse field on the Winter Park campus, the Sutton Pool area on Lake Virginia, the main campus courtyard for relocation of amenities and utilities, and the new pedestrian crosswalk on Fairbanks Avenue.			



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

	12. NAME <b>Dalton Proctor</b>	13. ROLE ON THIS CONTRACT <b>FAA-Certified Drone Pilot &amp; 3D Survey Technician</b>	14. YEARS EXPERIENCE	
			a. Total <b>11</b>	b. With Current Firm <b>11</b>
15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc. (CPC), in Orlando, Florida</b>				
16. EDUCATION (Degree and Specialization) <b>Bachelor of Arts degree, History, University of Central Florida, 2015</b>		17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>FAA Remote Pilot: UAS/Drones - Certificate Number 4147826</b>		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Proctor began his career with CPC as a rod-man/chain person in the field for surveying, but in recent years has been promoted to 3D Survey Technician to lead the firm's 3D rendering designs, and has achieved FAA certification as an aerial drone pilot. His experience working across Florida includes FDOT design-builds and large-scale land development projects. Mr. Proctor is familiar with numerous aspects of surveying and mapping, including Topographic, Boundary, As-Built and Lot-and-Block surveys, all while utilizing GPS technology and Leica Total Stations.				
19. RELEVANT PROJECTS				
A	(1) TITLE AND LOCATION (City and State) <b>City of Deerfield Beach, N. Ocean Drive (A1A) S-Curve Streetscape Improvements, Deerfield Beach, Florida</b>		(2) YEAR COMPLETED PROFESSIONAL SERVICES <b>2023</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>3D Survey Technician:</b> CPC is providing civil engineering and surveying services to the CRA to design and permit the improvements of the project limits that include approximately 1,500 LF of existing right-of-way from the intersection of N. Ocean Drive (A1A) and NE 2nd Street to N. Ocean Drive and NE 4th Court. The goals of the CRA include upgrading turtle-friendly lighting that enhances the aesthetics and safety of the corridor in accordance with the Deerfield Beach Complete Streets Guidelines and providing cost-effective design, coordination, and construction services for the undergrounding of overhead utilities.		✓ Check if project performed with current firm	
B	(1) TITLE AND LOCATION (City and State) <b>City of Deerfield Beach Survey Asset Collection, Deerfield Beach, Florida</b>		(2) YEAR COMPLETED PROFESSIONAL SERVICES <b>2020</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>3D Survey Technician:</b> The city's goal is to create a sidewalk and curb ramp inventory of public rights of way located within the City's incorporation limits on local city-owned roadways and streets. The City retained Carnahan, Proctor Cross, Inc. (CPC) to provide data collection of 390 pedestrian facilities such as sidewalks, curb ramps, and crosswalks. We provided a GIS layer of all city sidewalks and locations for curb ramps with an assessment of the accessibility of the curb ramps. Under our contract with the City, CPC identified all properties and rights of way owned/maintained by the City of Deerfield Beach in the desired location. This process was completed through online research and coordination meetings with the city's GIS Director. CPC develop a phasing plan for the fieldwork effort and identified the priority locations based on existing complaints to the city. CPC utilized "Survey123" software (an ESR) product to develop the data collection pattern with feedback from the GIS Director. The main subject of the collection was to identify any unique identifiers, taking photos, GPS location, landings, slopes, and detectable mats. Executing a field data collection plan, multiple teams of one person were mobile and equipped with a tablet running Survey123. For fieldwork, the system can run on a wireless device that has internet access. These tablets were networked and provided "live" information back to the city's GIS data center daily. The data provided to the City under this program allows the City to identify ADA non-compliance pedestrian ramps based on Federal ADA pedestrian facilities criteria. Non-conforming sidewalks increase the risk of pedestrian accidents representing a potential liability for the City. The use of GIS capability allows the City to map out the ADA deficient pedestrian crossings to establish priorities for repairs and or replacement of deficient pedestrian ramps. The number of ADA non-compliance ramps will also assist the City in determining and allocating City funds to implement the necessary repairs. Developing a pedestrian ramps ADA compliance improvement program reduces the City's liability by demonstrating an action plan.		✓ Check if project performed with current firm	
C	(1) TITLE AND LOCATION (City and State) <b>City of North Lauderdale, Rock Island Rd., Intersection Improvements, North Lauderdale, Florida</b>		(2) YEAR COMPLETED PROFESSIONAL SERVICES <b>2020</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>3D Survey Technician:</b> Mr. Proctor served as Survey CAD technician on this project that consisted of two Intersections that were modified, Doral street, and Rio Pinar streets, on both sides of the road. CPC acts as an EOR support service to the contractor and the city. The scope of work on this project was to improve the safety at two 2-way stop sign intersections, by limiting the access to the side street using Island separators, and extending the length of existing Turn lanes on North, and South bounds. Also constructing new ADA ramps to bring them to compliance at all corners of those streets. The signage was updated to comply with the county requirements. The limits of this project and its location of it is the city of North Lauderdale, on Rock Island Rd between Mc Nab Road, and Tam Oshanter Blvd.		✓ Check if project performed with current firm	
D	(1) TITLE AND LOCATION (City and State) <b>City of Ormond Beach, Water Main Replacement, Ormond Beach, Florida</b>		(2) YEAR COMPLETED PROFESSIONAL SERVICES <b>2018</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>3D Survey Technician:</b> Survey of approximately 24,500 feet of the proposed City of Ormond Beach Water main replacement project. The project included a Control Survey and the determination of apparent Right-of-Way lines. Additionally, a topographic survey was performed locating all drives, sidewalks, hydrants, and other features along the route. Fifty-foot cross-sections were collected along with additional intersection details. All manholes, invert elevations, and sizes were included in the survey.		✓ Check if project performed with current firm	
E	(1) TITLE AND LOCATION (City and State) <b>Town of Davie Drainage Study, Davie, Florida</b>		(2) YEAR COMPLETED PROFESSIONAL SERVICES <b>2019</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>3D Survey Technician:</b> Mr. Proctor 3D laser-scanned selected areas of the 200-acre project to produce as-built drawings for engineering. Images were captured using an aerial drone to better identify drainage and fall-out structures over the entire project.		✓ Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT			
	12. NAME <b>Paul Campbell, CST III</b>	13. ROLE ON THIS CONTRACT <b>Survey Manager</b>	14. YEARS EXPERIENCE a. Total <b>21</b>
	15. FIRM NAME AND LOCATION (City and State) <b>Carnahan, Proctor and Cross Inc. (CPC), in Orlando, Florida</b>		
16. EDUCATION (Degree and Specialization) <b>AS Degree Const. &amp; Civil Engineering Technology Civil/Survey</b>		17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) <b>Certified Survey Technician CST III</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  Mr. Campbell has over 21 years of experience in surveying and mapping required for land acquisition, design, and transportation projects. His experience includes horizontal and vertical control, right-of-way surveys, as-built surveys, topographic surveys, boundary surveys, and construction layout surveys. These skill sets have been tested in multiple industry sectors ranging from design survey data collection to complex construction as-built verification. As an Assistant Project Manager and Senior Survey Technician, Mr. Campbell supports management in balancing the time, budget, and scope of projects. He has excellent communication and problem-solving skills and is proficient in technology and computer skills, including AutoCAD, Civil 3D, Bluebeam, and the Microsoft Office Suite.			
19. RELEVANT PROJECTS			
A	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	City of Fort Lauderdale, Aquatic Center Renovations, Fort Lauderdale, FL	PROFESSIONAL SERVICES 2022-2023	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm <b>Senior Survey Technician:</b> CPC teamed with the City's Lead Design-Builder, Hensel Phelps Construction Co., to provide professional Surveying/Geomatics Services for the City of Fort Lauderdale \$27M Aquatic Center Renovations. The project included demolition and new construction of all swimming pools to upgrade and meet international swimming and diving competition standards, new grandstand seating for spectators, new public restrooms and a new teaching pool. Attached to the International Swimming Hall of Fame, the complex is located on a pier which extends 600 feet over the Intercoastal Waterway. CPC as-built the newly installed Drainage Structures, Asphalt Parking Areas including striping, Sidewalks & ADA slopes, Retention Ponds, and Pool deck areas with Trench Drain systems for the Spa, Training, Competition, also Dive Pools and Tower. Utility As-built: CPC as-built the newly installed Sanitary Structures, and visible above ground Utility assets. FEMA Elevation Certificates: CPC included on the As-built the 2 new building locations, elevations, and performed a FEMA Elevation Certificate for both newly constructed buildings.		
B	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	FDOT District 6, SR 90 / Tamiami Trail, 2.6 Mile Bridging from East of Osceola Camp to West of Airboat Association of Florida, Everglades, FL	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm <b>Assistant Project Manager/Senior Survey Technician:</b> This \$69 Million TIGER project is part of a larger Everglades restoration project and consists of building two new bridges immediately south of the existing roadway. The bridges will provide 12-foot-wide travel lanes with 10-foot shoulders, the roadway will have a 10-foot shoulder westbound and an 8-foot paved shoulder and 3.5-foot shoulder gutter eastbound, guardrail and fill slope. After completion of bridge construction, the unneeded portions of the Tamiami Trail roadway will be removed and the remaining (existing) road embankment will be slightly raised to a roadway surface elevation of 13.13 feet where bridges touch down near Everglades Safari Park. This project will provide additional freshwater flow within the Everglades National Park and improve the ecological conditions in the central Everglades.		
C	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Florida Turnpike Enterprise: Resurface and Roadside Improvements MP 181.1-185.0 Okeechobee Co., MP 178.3-181.1 Indian River Co., Indian River & Okeechobee Counties, FL	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm <b>Senior Survey Technician:</b> As Assistant Project Manager for this Florida Turnpike Enterprise project, Mr. Campbell performed surveying services that included milling and resurfacing, cross slope corrections, super-elevation corrections, base construction, bridge deck joint replacements and box culvert gunite spall repairs. This project also features safety and design improvement which included drainage, shoulder gutter, guardrail, signage for the Turnpike Mainline (SR 91) from Mile Post 178 – 190 in Indian River and Okeechobee Counties.		
D	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	FDOT District 5, Group 175 SR 600 US 174/92 1900' W of Poinciana Blvd to CR 535, Orange & Osceola Counties, FL	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm <b>Senior Survey Technician:</b> This project includes the widening of SR 600 from two lanes to four lanes. The project is currently under design. In addition to the widening, the project includes sidewalk on both sides of the road, access management improvements and various other upgrades.		
E	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	FDOT District 1, SR 542 from 1 <sup>st</sup> Street to Buckeye Loop Road, Winter Haven, FL	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm <b>Senior Survey Technician:</b> The project entails widening of the roadway, adding additional travel lanes in some sections and a center turn lane in others. Sidewalks and bike lanes will be added to the full length of the project, traffic signals will be upgraded, and two mid-block crosswalks will be constructed. All improvements are intended to accommodate increased traffic volumes along the roadway while improving safety for cyclists, pedestrians, and drivers.		



<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 <b>1</b>
21. TITLE AND LOCATION (City and State)  <b>Belterra Phase II, Becker Road Stormwater Improvements</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2023</b>	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNERS <b>Port St. Lucie</b>	b. POINT OF CONTACT NAME <b>Chuck DeSanti</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>561-346-2857</b>

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

As the Prime Consultant, CPC provided Roadway planning, Engineering, Surveying and CEI services for the Becker Road Roadway and Utility Extension Project. CPC provided roadway planning for the extension of Becker Road from SW Village Parkway to SW Community Blvd. (over 2 Miles). Provided full design and permitting of Phase 1 for over a mile of 16" Water main and 12" Force main extensions of the planned Becker Roadway and Utility Extension. The water and force main design included a subaqueous crossing of the primary conveyance canal for the Southern Groves DRI. Successfully permitted project through Port St. Lucie Utility Department, Port St. Lucie, Public Works Department, Stormwater Permitting through, South Florida Water Management District (SFWMD), Environmental Resource Permit (ERP), Storm Water Management Section, and United States Army Corps of Engineers (USACOE). The preparation of 1.15 Miles (Phase 1), of a 2-lane divide urban roadway plans included curb and gutter median and 6-foot sidewalks. The 2 lanes were designed following City of Port St. Lucie criteria. The roadway design provided the required room for future roadway widening that will be required in the future as more development continues. An enclosed drainage system was designed as part of the roadway plans. Close coordination with SFWMD and the City of Port St. Lucie were required to complete the drainage system improvement and installation of new triple 60" Culverts for crossing of the primary conveyance canal for the Southern Groves DRI. Design of the extension of utility mains included a 16" potable watermain, 12" sewer force main, 8" gray water, and a City owned Fiberoptic communication line. CPC managed and facilitated Landscape Architect subconsultant for the design of the proposed roadway landscape and irrigation system with capacity to serve both Phase 1 and 2 of the Roadway extension project.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME <b>Carnahan Proctor and Cross, Inc.</b>	(2) FIRM LOCATION (City and State) <b>Orlando, FL</b>	(3) ROLE <b>Civil/General Engineering Stormwater Management</b>

<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 <b>2</b>
21. TITLE AND LOCATION <i>(City and State)</i> <b>Dania Pointe Development Review, City of Dania Beach FL</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2016-2020</b>	CONSTRUCTION <i>(If applicable)</i>
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNERS <b>City of Dania Beach</b>	b. POINT OF CONTACT NAME <b>Ronnie Navarro, PE</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>(954) 924-3742</b>
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

CPC provided Civil Engineering, Traffic Engineering, and Surveying Services and served as an extension of the City's Engineering Department to conduct multiple reviews of Rezoning Design Development Guidelines (DDG), Survey, Plat, and DRC Site Plan Submittals for the Dania Pointe Project. Reviews were conducted through concurrent multiple cycles of phased submittals by the developer under an accelerated submittal and review schedule. Based on the size, density, and schedule of the proposed project the City has chosen to utilize the cost recovery option as stipulated in the City's code. The CPC team provided timely review comments to the City and applicant's consultants in order to meet stringent deadlines for the Planning & Zoning Board and City Commission meetings and coordinated with the Applicant and Applicants consultant to expedite outstanding comments. Responsibilities also included attending DRC and City Commission meetings.



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

a.	(1) FIRM NAME Carnahan Proctor and Cross, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Deerfield Beach, FL	(3) ROLE Civil/General Engineering Transportation Engineering
----	---	--	---

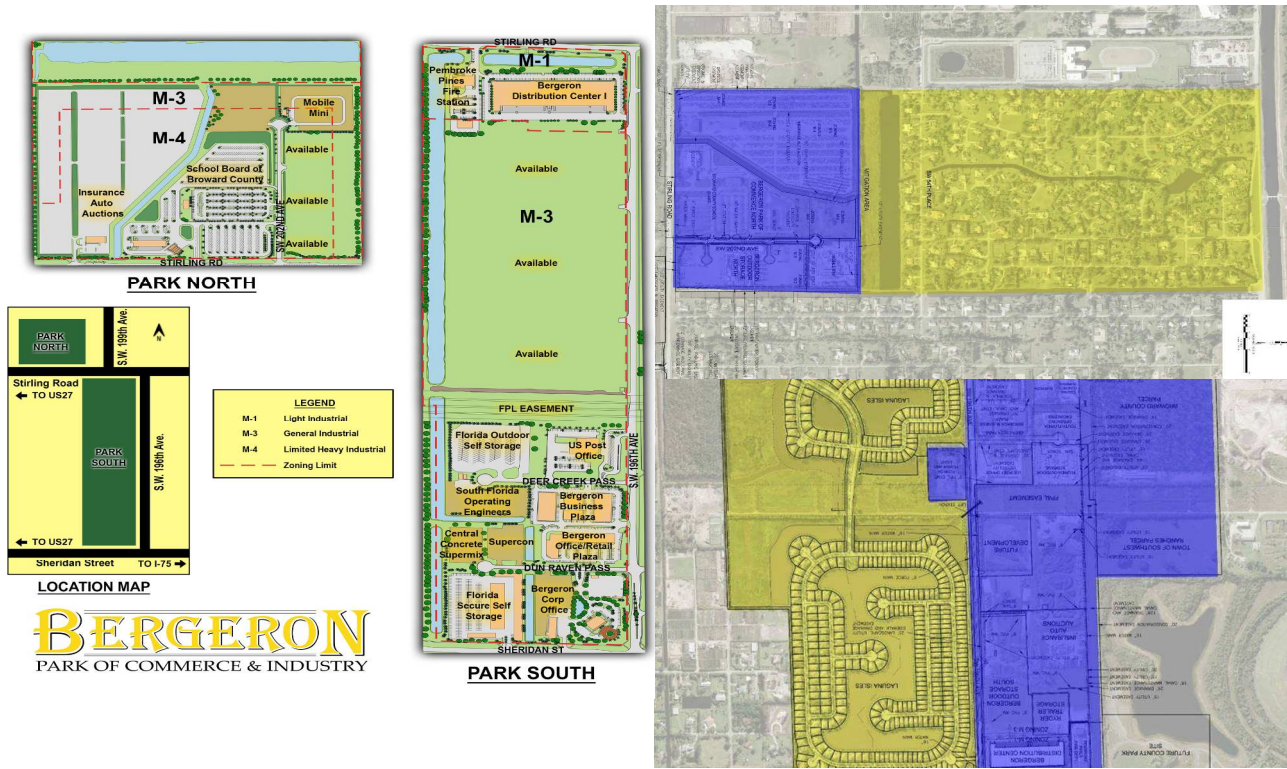


<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <b>3</b>
21. TITLE AND LOCATION (City and State) <b>Bergeron Park of Commerce</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNERS <b>Bergeron Properties</b>	b. POINT OF CONTACT NAME <b>Frank Saia</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>954-680-0223, Extension 273</b>

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

Carnahan Proctor and Cross (CPC) was contracted to provide planning, civil engineering, and surveying services for the 300-acre Bergeron Park of Commerce in Pembroke Pines, Florida. The commerce park consists of two major sections: Park North (130 acres) and Park South (170 acres). Park North is primarily zoned for heavier industrial uses, such as manufacturing and warehousing. Park South is zoned for more general industrial or commercial uses, including office space, retail stores, and light manufacturing. The Master Plan for Park South was designed to meet the exacting requirements of a Foreign Trade Zone (FTZ) and for any business requiring maximum flexibility of utilization and exposure to high-tech resources. The plan called for the development of an additional one million square feet of dock-height and grade-level industrial/office warehouse buildings over a projected 10-year period. Environmental conditions were integrated into the development of the overall surface water management program. Wetlands mitigation, drainage pre-treatment, and retention were designed offsite, thereby maximizing the net usable land for improvements onsite. Bergeron Park of Commerce has been developed for industrial and office tenants. CPC has been hired by nearly all of the tenants to handle their individual projects' civil engineering and surveying needs.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Carnahan Proctor and Cross, Inc.	(2) FIRM LOCATION (City and State) Deerfield Beach, FL	(3) ROLE Civil/General Engineering Stormwater Management
----	---	---	--

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <small>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</small>		20. EXAMPLE PROJECT KEY NUMBER  4
21. TITLE AND LOCATION (City and State) <b>Community Redevelopment Agency (CRA) Project, N. Ocean Drive/SR AIA Streetscape Improvements, City of Deerfield Beach, FL</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2019</b>	CONSTRUCTION (If applicable) <b>2023</b>

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNERS <b>City of Deerfield Beach</b>	b. POINT OF CONTACT NAME <b>Mark DiMascio</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>(954) 952-0221</b>

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

The scope of services includes improved pedestrian connectivity through the tourist/commercial hub, with design of bollard pedestrian lighting, upgraded decorative LED Streetlighting lighting, (7) in-road LED pedestrian crosswalks. The project will also include relocating the overhead existing utilities underground, and removal of existing FPL poles. The Deerfield Beach CRA N. Ocean Drive/SR AIA Streetscape and Utility Undergrounding project provided enhanced landscaping, hardscaping, and turtle-friendly lighting improvements along 1600 feet of FDOT right-of-way along SR AIA between NE 1st Street and NE 4th Court. CPC coordinated with franchise utility providers FPL, AT&T, and Comcast along with the following municipal and franchise utility providers to coordinate the design and construction for undergrounding of aerial franchise utilities: FLA Public Utilities Co, Gas, FDOT, Roadways & Drainage, City of Deerfield Beach Utilities, Water, Wastewater, & Drainage, and Broward County Traffic Engineering, Traffic Control. CPC developed Utility adjustment construction plans for undergrounding of utilities. CPC developed Streetscape improvement construction plans including: Grading and Paving Plans for decorative brick paver sidewalks, curbing and curb ramps, Signage and striping plans for repair of affected areas, Landscape design, Irrigation system modification design. CPC obtained permits from the following agencies: FDOT, Utility Permit, City of Deerfield Beach Engineering, , Broward County Highway and Traffic Division, FDEP CCCL Permit coordination, FPL coordination for service to Street and Pedestrian Lighting Improvements. CPC provided the following construction administration services for the project: Develop Bid Package including plans, itemized bid for, specifications, and front end docs for soliciting bids, assisted Client in the bid review and contractor selection process, attend pre-construction meetings, bi-weekly coordination meetings, and site meetings with representatives of the selected contractor, FDOT, and the Client. CPC provided site construction observation. CPC also provided public relations and coordination with commercial property owners and businesses along the corridor to successfully obtain 5 new utility easements.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME <b>Carnahan Proctor and Cross, Inc.</b>	(2) FIRM LOCATION (City and State) <b>Deerfield Beach, FL</b>	(3) ROLE <b>Civil/General Engineering</b>



<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 <b>5</b>
21. TITLE AND LOCATION (City and State) <b>Broward County, Lighting &amp; Sidewalk Improvements</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2021</b>	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNERS <b>Broward County</b>	b. POINT OF CONTACT NAME <b>Luis Velez</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>954-357-5942</b>

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

CPC Team led by Dan Tintner, PE, and Mohan Gopalakrishna, PE, PTOE was selected by Broward County to provide professional engineering services on their first surtax project for three residential communities, Boulevard Gardens, Roosevelt Gardens, and Washington Park, located within Broward County Municipal Services Districts (BMSD) and Broward County Commission District 9. They are adjacent to the Cities of Fort Lauderdale and Lauderdale. They are located just west of Interstate highway I-95 at exit 29 (Sunrise Boulevard). Together, they are roughly bounded North by NW 15th Court, West by Martin Luther King Jr. Avenue (NW 31st Avenue), South by Broward Boulevard, and East by NW 24th Avenue. The Project is approximately 630 acres in total area and contains approximately 22.5 miles of public right of way containing roadways and drainage, sidewalks, streetlights and utilities. The scope of work includes sidewalk additions (where there are gaps) along with needed ADA improvements, minor drainage improvements, incidental signing and pavement markings, and LED lighting upgrades to the existing substandard lighting system. CPC completed 22.5 miles of lighting design cost-efficiently in 6 months working closely with Broward County and FPL. The lighting system will be installed and maintained by FPL through a lease agreement at a fraction of the cost when compared to hiring a roadway contractor to install and maintain lighting system. CPC is currently working closely with Broward County and its residents to address the sidewalk design addressing the needs of the Community that were requested during the public involvement process. The success of this project can be attributed to the effective public involvement meeting and feedback received from the community and the Broward County Commissioners, who support this exciting project. This important project will enhance safety to the pedestrian's day and night by providing the needed sidewalk connectivity and LED lighting to make it a walkable community.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Carnahan Proctor and Cross, Inc.	(2) FIRM LOCATION (City and State) Deerfield Beach, FL	(3) ROLE Civil/General Engineering Transportation Engineering Surveying 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>		20. EXAMPLE PROJECT KEY NUMBER  <b>6</b>
21. TITLE AND LOCATION <i>(City and State)</i> <b>City of Oakland Park, Andrews Avenue Improvements, Oakland Park FL</b>		22. YEAR COMPLETED PROFESSIONAL SERVICES <b>2019</b>
CONSTRUCTION <i>(If applicable)</i>		
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNERS <b>City of Oakland Park</b>	b. POINT OF CONTACT NAME <b>Brynt Johnson</b> <i>(now with City of Sanford)</i>	c. POINT OF CONTACT TELEPHONE NUMBER <b>407.688.5085</b>
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

CPC provided Construction Engineering and Inspection (CEI) services to the City of Oakland Park for Andrews Avenue Improvements from Oakland Park Blvd. to Prospect Road. This is an FDOT Local Agency Participation (LAP) project. Planned improvements included landscape and irrigate in medians, installation of new bike lanes, mid-block crossings for pedestrians, upgrading existing lighting to LED, new sidewalks. This important corridor is through the center of Oakland Park is now more functional and safe for motorists, bicyclists, and pedestrians, including wheelchairs and baby strollers. This project was a collaboration between the Broward MPO, Broward County, and the City and included the removal of the dangerous bi-directional turn lane. Project improvements included installation of landscaped medians with native vegetation, additional landscaping within the right-of-way, new irrigation system, installation of bike lanes with a green surface treatment, new mast arms, removal of the dangerous bi-directional turn lane, installation of landscaped medians with native vegetation, installation of additional landscaping within the right-of-way, new irrigation system, installation of bike lanes with a green surface treatment and new mast arms.



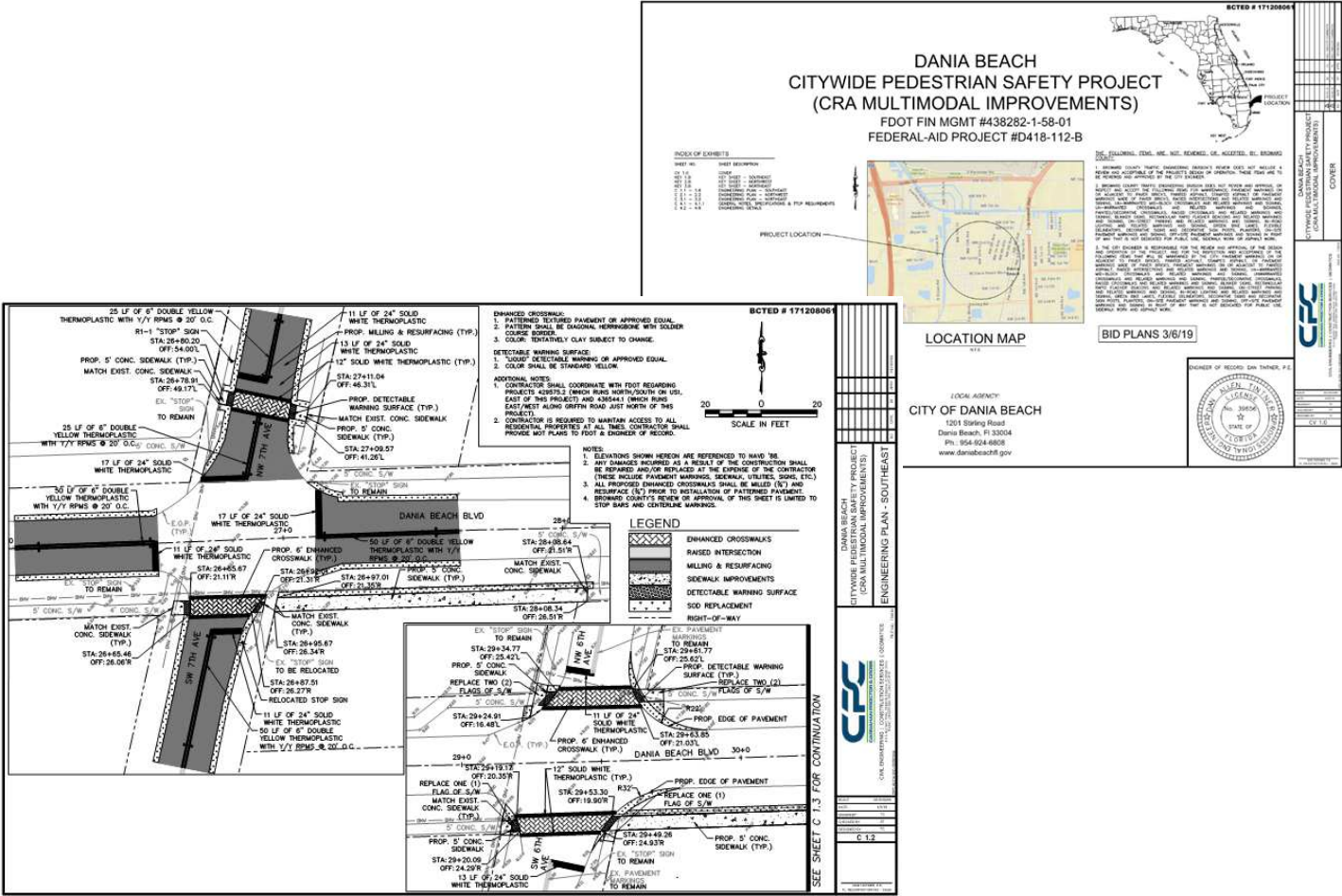
#### 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Carnahan Proctor and Cross, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Deerfield Beach, FL	(3) ROLE Civil/General Engineering Construction Engineering and Inspection (CEI)
----	---	--	--



<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 <b>7</b>
21. TITLE AND LOCATION (City and State) <b>City of Dania Beach LAP Multimodal Enhancements, Dania Beach, FL</b>		22. YEAR COMPLETED <b>2019</b>
23. PROJECT OWNER'S INFORMATION		CONSTRUCTION (If applicable)
a. PROJECT OWNERS <b>City of Dania Beach</b>	b. POINT OF CONTACT NAME <b>Dincer Akin Ozaydin, PE, GC</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>954-924-6800 x3617</b>
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

Multimodal enhancements within the City of Dania Beach are located in the South-East, North-West and North-East areas of the City of Dania Beach. This project included improvements such as enhanced sidewalks, curbing, concrete sidewalks, milling and resurfacing, raised intersections and flashing solar-powered LED traffic signs. This project is unique in which the Client preferred nonstandard products such as textured pavement and "liquid" detectable warning. The project also involved coordination with FDOT in regard to the LAP requirements. CPC prepared LAP documentation including project completion Check List, Maintenance Maps, R/W certification, environmental documentation, and Bid Documents.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME <b>Carnahan Proctor and Cross, Inc.</b>	(2) FIRM LOCATION (City and State) <b>Deerfield Beach, FL</b>	(3) ROLE <b>Civil/General Engineering Transportation Engineering</b>
----	--	--	---

<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 <b>8</b>
21. TITLE AND LOCATION (City and State) <b>SE 15th Avenue &amp; SE 13th Avenue Bridges, City of Deerfield Beach, FL</b>		22. YEAR COMPLETED PROFESSIONAL SERVICES <b>2021</b>
		CONSTRUCTION (If applicable)

## 23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNERS <b>City of Deerfield Beach</b>	b. POINT OF CONTACT NAME <b>Priscilla Cygielnik, PE</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>954.616.7046</b>
---	--	---

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

The City retained CPC to conduct a traffic study to determine the impact of the potential bridge demolition. Travel time analysis was completed and operational analysis within the area to determine the level of congestion if the bridge is demolished. A detailed cost estimate was prepared based on bridge replacement alternatives. To initiate the study traffic data collection was ordered at several locations. Developed existing traffic conditions for the AM and PM peak hours and developed traffic conditions for the AM and PM peak hours assuming Bridge decommission. Performed Travel Time under bridge decommissions conditions. CPC obtained travel time using the detour route assuming the bridge is no longer in place. This data allowed CPC to calibrate the traffic analysis software, Synchro, to simulate the decommissioned condition using the SimTraffic simulation model. This model is a great visual tool for public information. The model was used to show traffic movement within the area to assist the community to understand the impact of the bridge decommission. CPC evaluated the Bridge Replacement impact based on geometric conditions, design, and elevations. CPC considered the design criteria for a new bridge or a rehabilitated bridge to determine the impact on adjacent properties. Potential impacts include additional right-of-way, construction temporary easements, retaining walls causing visual impact, and access to existing driveways. CPC developed a Synchro Model existing traffic conditions for the AM and PM peak hours. Developed traffic conditions for the AM and PM peak hours assuming Bridge decommission. Traffic analysis using Synchro Model, tabulate travel time and delay under existing and proposed bridge decommission condition. Compared travel time and delay calculations to determine bridge decommission condition impact. The traffic analysis report was completed. Cost estimates for various alternatives were developed using recent similar bridgework.



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

a.	(1) FIRM NAME <b>Carnahan Proctor and Cross, Inc.</b>	(2) FIRM LOCATION (City and State) <b>Deerfield Beach, FL</b>	(3) ROLE <b>Civil/General Engineering Transportation Engineering</b>
----	--	--	---

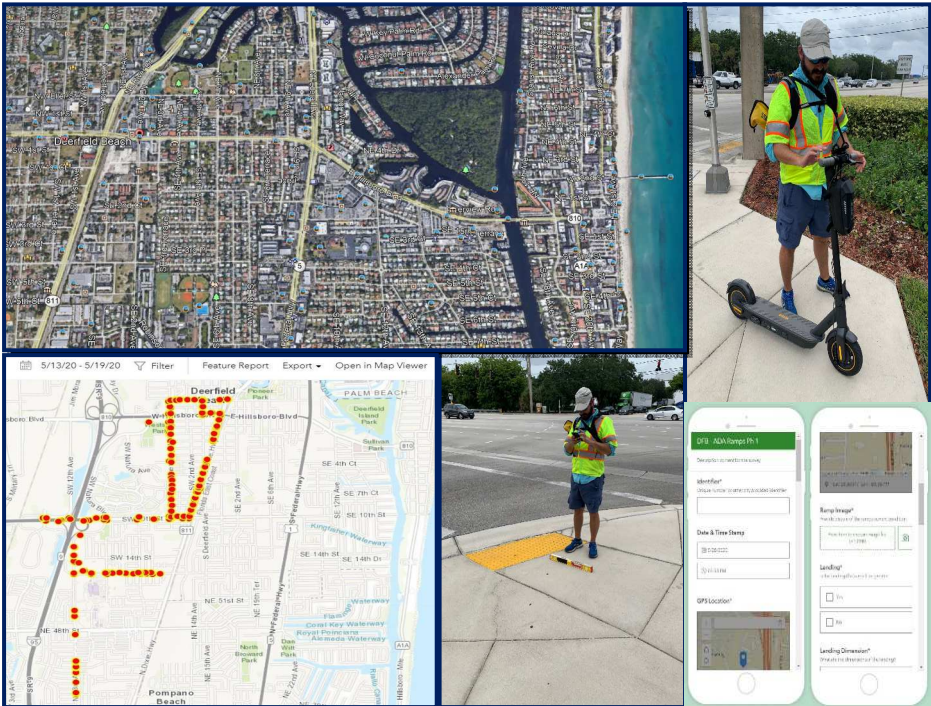


<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <b>9</b>
21. TITLE AND LOCATION <i>(City and State)</i> <b>City Asset Management GIS / Survey for Pedestrian Ramps and Sidewalks, City of Deerfield Beach, FL</b>	22. YEAR COMPLETED PROFESSIONAL SERVICES <b>2020</b>	
CONSTRUCTION <i>(If applicable)</i>		

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNERS <b>City of Deerfield Beach</b>	b. POINT OF CONTACT NAME <b>Priscilla Cygielink, Asst Engineering &amp; Operations</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>(954) 571-7582</b>

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

The city's goal is to create a sidewalk and curb ramp inventory of public rights of way located within the City's incorporation limits on local city-owned roadways and streets. The City retained Carnahan, Proctor Cross, Inc. (CPC) to provide data collection of 390 pedestrian facilities such as sidewalks, curb ramps and crosswalks. We provided a GIS layer of all city sidewalks and locations for curb ramps with an assessment of the accessibility of the curb ramps. Under our contract with the City, CPC identified all properties and rights of way owned/maintained by the City of Deerfield Beach in the desired location. This process was completed through online research and coordination meetings with the city's GIS Director. CPC develop a phasing plan for the fieldwork effort and identified the priority locations based on existing complaints to the city. CPC utilized "Survey123" software (an ESRI) product to develop the data collection pattern with feedback from the GIS Director. The main subject of the collection was to identify any unique identifiers, taking photos, GPS location, landings, slopes, and detectable mats. Executing a field data collection plan, multiple teams of one person were mobile and equipped with a tablet running Survey123. For fieldwork, the system can run on a wireless device that has internet access. These tablets were networked and provided "live" information back to the city's GIS data center daily.



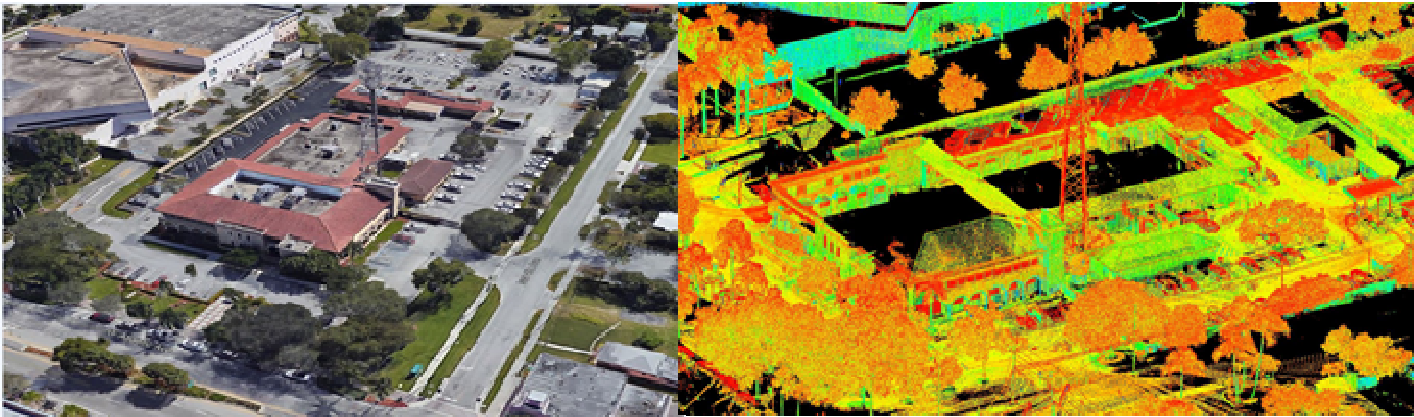
- The data provided to the City under this program allows the City to identify ADA non-compliance pedestrian ramps based on Federal ADA pedestrian facilities criteria. Non-conforming sidewalks increase the risk of pedestrian accidents representing a potential liability for the City.
- The use of GIS capability allows the City to map out the ADA deficient pedestrian crossings to establish priorities for repairs and or replacement of deficient pedestrian ramps.
- The number of ADA non-compliance ramps will also assist the City in determining and allocating City funds to implement the necessary repairs.
- Developing a pedestrian ramps ADA compliance improvement program reduces the City's liability by demonstrating an action plan.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME <b>Carnahan Proctor and Cross, Inc.</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>Deerfield Beach, FL</b>	(3) ROLE <b>Surveying Services / GIS</b>
---	---	---

<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 <b>10</b>
21. TITLE AND LOCATION <i>(City and State)</i> <b>City of Delray Beach, Police Headquarters Needs Assessment, Delray Beach FL</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2019</b>	CONSTRUCTION <i>(If applicable)</i>
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNERS <b>City of Delray Beach</b>	b. POINT OF CONTACT NAME <b>Isaac Kovner, Principal Engineer</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>(561) 322.5052</b>
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

CPC provided consulting services under our Professional Services Continuing Services Contract to the City of Delray Beach for the evaluation of the police headquarters. Services included boundary and topographic survey & 3D Laser scanning, existing structural assessment elements, material review and needs assessment, preparing a building program, conceptual building plans, conceptual site plans, conceptual draft, final elevations and a budget estimated for the cost of construction.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Carnahan Proctor and Cross, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Deerfield Beach, FL	(3) ROLE Civil/General Engineering
----	---	--	---------------------------------------

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

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Bill Barbaro, PE	Senior Project Manager	X	X	X	X			X			
Dan Tintner, PE	Senior Project Manager		X		X	X	X	X			X
Thomas McCarthy, PE	Senior Project Manager	X									
Roland Raymundo, PE, CFM	Senior Project Manager					X					
Robert Pinthieve, PE	Senior Project Engineer	X									
Terence Castillo, EI	Senior Project Engineer	X	X		X	X		X	X		
Cedonio DaSilva	Senior Project Manager	X			X						
Mohan Gopalakrishna, PE PTOE	Senior Traffic Engineer		X	X	X	X		X	X		
Daniel Burns, PE	Senior Transportation Designer					X					
David Pocius, PE	Senior Traffic Engineer	X	X					X			
Joey Lamaruggine, EI	Project Engineer			X		X					
Glen Longos	Project Engineer					X					
Herb Tillman, CGC	Construction Project Manager	X							X		
Mike Lorenzo	Construction Project Manager										
Phil Kean, EI	Construction Administration	X		X	X						
Harold Dubon	CEI Senior Project Engineer						X				
Glenn Bridges	CEI Project Administrator	X									
David Sandusky	CEI Senior Inspector										
Landon "Alfie" Cross, PSM	Senior Project Surveyor		X	X	X	X		X			X
Jeremy Jones	3D Laser Scanning Specialist				X					X	X

**29. EXAMPLE PROJECTS KEY**

NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)	NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)
1	City of Port St Lucie, Becker Road Improvements	6	Oakland Park, Andrews Ave Improvements
2	Dania Beach Development Review	7	Dania Beach Multimodal Improvements
3	Bergeron Park of Commerce	8	Deerfield Beach 15th Ave Traffic Study
4	Deerfield Beach A1A Streetscape Improvements	9	Deerfield Beach Survey Asset Data Collection
5	Broward County Lighting & Sidewalk Improvements	10	Delray Beach Police Headquarters Needs Assessment



---

**H. ADDITIONAL INFORMATION**

---

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

Carnahan Proctor & Cross (CPC) is a multi-disciplined professional service consulting firm. Since our inception in 1977, CPC has strived to meet the needs of public and private sector clients, broadened and refined its services and is proud to have grown in size and leadership. The firm has distinguished itself by developing innovative solutions for difficult challenges faced by the real estate development, construction and transportation sectors. Excellent working relationships with our clients have afforded CPC repeated opportunities to partner on market-leading projects.

CPC ranks among the Top 25 Engineering firms in Central and South Florida. With regional offices in both locations, CPC has the resources, experience, and capacity to successfully complete assignments of any size and complexity. Our engineers are leaders in the Florida consulting industry. CPC manages more than 80 professional and technical team members in-house who work together to service clients' project needs, and are fully equipped with state-of-the-art technology and design software. True to CPC's reputation and practice, we strive to fill the role of trusted advisor for our clients, providing a long-lasting reciprocal relationship that can solve today's development challenges, and plan strategically for a sustainable future.

CPC's corporate philosophy is to provide exemplary professional services with an emphasis on quality, cost efficiency and exceptional personal service. Our clients come from both the public and private sectors and include city, state and federal agencies, utility companies, private developers, investment groups, individual landowners, health care firms, hospitals, and financial and educational institutions. After 40 years, CPC's success rests clearly on seasoned management and the expertise of our professional staff. The firm provides a strong framework regardless of a project's size, scope or phase. CPC is committed to providing value to our clients through professional, timely and cost-effective services.

Our multi-discipline approach allows our professionals to work side-by-side among our land development, construction, transportation, surveying and geospatial information experts to deliver cost-effective designs and respond effectively.

---

**I. AUTHORIZED REPRESENTATIVE**

*The foregoing is a statement of facts.*

31. SIGNATURE



32. DATE

02/19/24

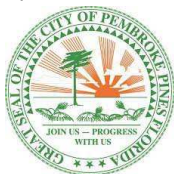
33. NAME AND TITLE

Bill Barbaro, PE, Vice President, Engineering

## RFQ # PSPW-23-20

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

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



**RFQ # PSPW-23-20, City of Pembroke Pines, CCNA Continuing Services for Citywide Professional Architectural, Engineering, Surveying & Mapping**

## ADDITIONAL INFORMATION

CPC's team has professionals with skills and depth of resources to successfully handle this contract. As illustrated in the Organizational Chart, we plan on identifying qualified and experienced staff to match the requirements of the Work Authorizations.

We are aware of the possibility of multiple work orders, therefore we built up redundancy in the Team to quickly respond to the City's needs. CPC has a total staff of 85 and maintains in-house divisions with registered and licensed professionals. CPC is currently serving over 20 municipalities in Broward County under Professional Consulting Contracts including municipal support for FDOT LAP projects and Surtax projects for Broward County. The aforementioned chart includes the key staff configuration. We could utilize additional staff from this resource pool, should it be necessary. Following on the next page is a list of staff we can pull resources from.



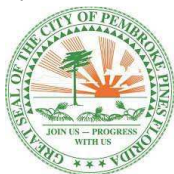
## CPC's TEAM IS COMPRISED OF HIGHLY SKILLED PROFESSIONALS TO FULFILL THE NEEDS OF THIS CONTRACT.



**GREG PROCTOR, PE, Principal-In-Charge** *Mr. Proctor has been with CPC for over 40 years and has been responsible for heading up many significant projects for the firm.* Since 1980, Mr. Proctor has risen through the ranks from design engineer to President to lead the company's expansion as he became a partner in 1992 overseeing the growth of the engineering and surveying divisions. Responsibilities in his professional career included all aspects of Civil Engineering; design, permitting, estimating, and construction management. Mr. Proctor has administered the design and management of private and public projects along highways, waterways, beachfront, and conservation areas. Projects have included rural/urban roadway, water, and wastewater transmission lines and treatment, earthwork operations including canal/lake excavations, site investigation, wetland evaluations, site development, planning, land use/rezoning representation and platting, utility/drainage engineering, the implementation for residential subdivisions, commercial, industrial projects, and utility district operations.

**BILL BARBARO, PE, Civil Engineering Team Leader / Senior Project Manager** *Bachelors of Science in Civil Engineering, Broward County League of Cities, Florida Engineering Society, American Society of Civil Engineers, FDEP Stormwater Inspector, CPC's Team leader for this category is Bill Barbaro, PE. Bill has 18 years of experience in the Civil Engineering field.* His experience includes new and redevelopment site plans and related infrastructure. He also has vast experience in Municipal services. His project experience includes large-scale residential and mixed-use land development, large-scale earthwork projects including marina and ocean inlet design, water resources, and stormwater management systems. County, city, and private projects for paving, and drainage design, new and retrofit utility infrastructure improvements. He is adept at preparing project specifications packages, as well as completing construction document packages for bidding.





**RFQ # PSPW-23-20, City of Pembroke Pines, CCNA Continuing Services  
for Citywide Professional Architectural, Engineering, Surveying & Mapping**

**ROLANDO RAYMUNDO, PE Senior Project Manager** *Mr. Rolando Raymundo has more than three decades of diverse engineering and proven public works experiences.* He offers proficiency in engineering, understanding of government processes combined with effective management and leadership skills. Significant involvement in major-executive decision making, engineering production, budget and fiscal planning, financial and personnel supervision & management. Comprehensive in solving and analyzing problems, resourceful in finding innovative and money saving solutions, productive working relationship with staff and other professionals. Rolando has been involved in a wide range of civil engineering experiences in planning, design production, construction and operation of public works infrastructure projects. He possesses extensive knowledge and skills in handling state and federal grant programs, permitting and environmental requirements, acquisition of public right-of-way and easements. Rolando is a good listener and is people oriented with excellent interpersonal skills and customer services and has the ability to motivate and lead fellow professionals and co-workers.



**DAN TINTNER, PE, MBA, QA/QC, CEI:** *Masters in Business Administration, Bachelors of Science in Civil Engineering, Broward County League of Cities, Florida Engineering Society, Leadership Training: ACEC Senior Executive Institute, American Society of Civil Engineers, Florida Section-Past President, Broward Section Past President, CPC's Primary Contact and Project Manager is Dan Tintner, who brings over 39 years of broad experience in public sector projects with a proven track record for successfully completing projects, which are similar in scope to this contract.* Dan has over 39 years of experience in serving municipal clients. Our Team has significant knowledge and experience working with

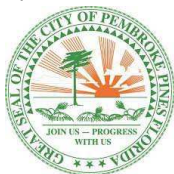
various municipalities in providing engineering services, including the City of Dania, City of Coconut Creek, City of Coral Springs, City of Delray Beach, City of Oakland Park, City of Deerfield Beach, Town of Lauderdale-By-The-Sea, Town of Hillsboro Beach and several others. Dan served as the senior project manager for the Broward County North County Neighborhood Improvement Project and the Broward County North Andrews Gardens Neighborhood Improvement Projects. His responsibilities on these challenging projects included oversight and project management of the CEI phase of these projects.

**MOHAN GOPALAKRISHNA, PE PTOE, Senior Transportation/Traffic Manager** *Mr. Gopalakrishna has more than 30 years of engineering experience as a Senior Traffic Specialist. His responsibilities have included traffic operations, safety studies, traffic signal design, signal timings, signing/pavement marking design, and street lighting analysis and design.* Mr. Gopalakrishna specializes in

signalization, signing and pavement marking, street lighting, and traffic studies (safety and operational improvements) for widening, RRR, design-build, and P3 projects. He's worked closely with local municipalities and maintaining agencies to successfully expedite projects. He's also provided PD&E support in preparing traffic tech memorandums & conceptual designs. Additionally, he provided cost-effective services and fit into three different groups PD&E, Traffic Ops & Design. His extensive traffic operations experience includes DRC reviews, LUPA reviews, traffic impact studies, Safety Analysis & Capacity Analysis. He's effectively managed traffic reviews for the City of Fort Lauderdale, the City of Miramar, the Town of Davie, the City of Dania Beach, the City of Hallandale Beach & the Seminole Tribe of Florida. Over the past two decades, he has designed over 200 signals and more than 400 miles of roadway lighting/signing pavement marking and over 100 intersections LED lighting projects for FDOT, Florida Turnpike, MDX, Palm Beach County, and Broward County & Miami-Dade County.







**RFQ # PSPW-23-20, City of Pembroke Pines, CCNA Continuing Services  
for Citywide Professional Architectural, Engineering, Surveying & Mapping**



**DAN BURNS, PE, Senior Roadway Engineer / Project Manager** Mr. Burns specializes in roadway design and project management for public sector transportation projects. The range of projects he has completed includes major corridor studies, expressway widening, grade-separated interchanges, urban arterials, and intersection improvements including roundabouts. Mr. Burns has extensive experience preparing estimates and quantities for construction, value engineering, and alternatives analysis. His experience also includes preparing scopes of work, project budgeting, and scheduling through the preconstruction phase, and public involvement activities for multi-million-dollar contracts involving various engineering disciplines, local agencies, and utilities.

**JOSEPH LAMARUGGINE, EI Project Engineer** Mr. Lamaruggine brings over 4 years of work experience in the Civil Engineering field, with a focus on surtax projects, FDOT projects, and traffic studies. He has a proven track record of success in leading and managing complex engineering projects. He is proficient in various engineering design software such as AutoCAD and MicroStation, as well as various analysis and modeling software such as Synchro, HCS, and PTV Vissim. Mr. Lamaruggine's surtax project experience includes working on a variety of projects, such as the design and construction of new roads and the renovation and expansion of existing infrastructure. He has also worked on a number of FDOT projects, including the development of traffic impact studies and the design of new traffic signals and intersections. Joseph's traffic studies experience includes developing traffic models and analyzing traffic data. Mr. Lamaruggine is a highly skilled and experienced civil engineer with a strong track record of success.



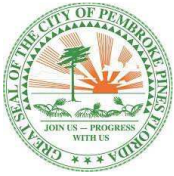
**GLENN LONGOS, Transportation Designer** Mr. Longos is a junior engineer at our Deerfield office with over a decade of experience in production support on FDOT, municipal roadway, and surtax projects statewide. He is very proficient in various CADD software such as 3D ORD, MicroStation, Geopak, and AutoCAD to expedite projects and achieve stringent deadlines on time and within budget.

**THOMAS MCCARTHY, PE, CGC Senior Project Manager** Mr. McCarthy is a Professional Manager with 30 plus years of experience in planning, designing, entitlements, constructing; Master Planned Communities, and Resorts, along with experience in Vertical Construction for Commercial Mixed-Use and Residential Single/Multi-Family, high-rise Structures. Experience in recreational facilities, major league baseball, resort golf and tennis, swim facilities and water parks, community development, civil engineering consulting, public infrastructure, real estate, CDDS, HOA's, and condominium associations. Major experience, strengths, and skills in the areas of planning/organizing, problem-solving, negotiations, budgeting, cost analysis/controls, and scheduling.



**CRAIG MARIEN, PE, LEED AP, Senior Stormwater Engineer** Mr. Marien has been a project engineer for 17 years with experience in stormwater analysis, design, and permitting. He has worked on multiple projects that ranged in size from roadway small commercial developments to thousand-acre residential communities, providing special analysis of water resources and drainage as well as modeling and permitting. Craig has extensive technical skills using design systems such as ICPR 4, AutoCAD, and StormCAD. He is a certified NDPES stormwater inspector and is LEED AP certified in green construction practices. Committed to professional development and teamwork, Mr. Marien produces quality work and delivers the extra effort to meet challenging deadlines.





**RFQ # PSPW-23-20, City of Pembroke Pines, CCNA Continuing Services  
for Citywide Professional Architectural, Engineering, Surveying & Mapping**

**ROBERT PINTHIEVE, JR., PE Senior Project Engineer** Mr. Pinthieve is a veteran civil engineer with a wealth of project experience, including FDOT, municipal, regulatory agency, and private sector developer clients. His capabilities encompass transportation design, stormwater, wastewater management, site layout, mass grading, large-scale residential and mixed-use land development, and large-scale earthwork projects including a marina. Municipal design projects include paving and drainage design, and new and retrofit utility infrastructure improvements. He is adept at preparing PUDs, permitting packages, project specifications packages, and construction document packages for bidding.



**DAVID POCIUS, PE, Senior Project Engineer** Mr. Pocius has been a project engineer for over 31 years dealing with a wide variety of civil engineering projects. His experience includes traffic engineering studies, transportation planning studies, construction plans for signalization, maintenance of traffic and signing/pavement marking projects, roadway/intersection design, and stormwater/drainage analysis. His primary areas of expertise include roadway and drainage design, preparation of signalization, signing/pavement markings, traffic control plans, and traffic engineering studies.



**CEDONIO "CEDO" DASILVA, Senior Project Manager** Experienced project engineer in the consulting and engineering field focused on project management. Managed multiple projects from concept, planning, and final delivery construction phase. Proven ability to deliver substantial revenue, productivity, and quality, through properly managed projects on time. Project value range from \$1M to \$20M. Developed, coordinated, and controlled projects including all management and financial aspects such as; project scope, manpower, forecasting, cost estimating, resource loading, budget managing, planning, and prioritizing for high performance and profit. With over 10 years of working experience in special

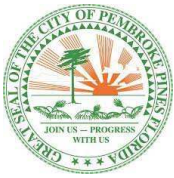
improvement districts such as North Springs Improvement District (NSID), Coral Springs Improvement District (CSID), Old Plantation Water Control District (OPWCD) & Sunshine Water Control District (SWCD), Broward County, Control District (OPWCD) and Sunshine Water Control District (SWCD), Broward County, FL. As district engineer, he attended and conducted, monthly board meetings reviewing permits, performing many stormwater calculations and pump station analysis design, canal and culvert conveyance system evaluation, and cost estimating. Roadway & general land development planning design and construction which included providing comprehensive services for, utility layout, water distribution systems, sanitary sewer collection, & transmission systems. Familiar with the requirements of the FDOT, FEMA, Dade, Broward, Palm Beach, and other local government agencies.



**TERENCE CASTILLO, EI, Project Engineer** Bachelors of Science in Civil Engineering, Florida Engineering Intern Mr. Castillo has over eight years of experience as a Project Engineer working on private and public sector projects.

His experience includes traffic study analysis using Synchro traffic analysis software, onsite and offsite engineering inspections, drainage inspections, sanitary and sewer inspections, plans preparation, design calculations, client and sub-contractor coordination, sanitary and sewer design, and drainage design using SFWMD Cascade Flood Routing, and Interconnected Channel and Pond Routing Modeling (ICPR). In addition, Mr. Castillo has experience permitting throughout multiple counties and district agencies including West Palm Beach County, Broward County EPD, SFWMD, CBWCD,

Miami-Dade RER, etc. Furthermore, Mr. Castillo knows to prepare reports, proposals, cost estimates, and visual presentations using software such as Microsoft Office, Adobe Photoshop, and AutoCAD Mcolor. Mr. Castillo also has the capability of converting plan drawings to 3D renderings and animations using Google Sketchup and Lumion which can be used for presentations and demonstrations



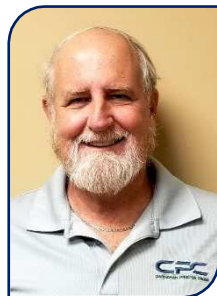
**RFQ # PSPW-23-20, City of Pembroke Pines, CCNA Continuing Services  
for Citywide Professional Architectural, Engineering, Surveying & Mapping**



**LANDON "ALFIE" CROSS, PSM, Land Surveying Team Leader / Senior Project Surveyor** Land Surveying, Palm Beach Community College, Business Studies, Broward Community College, MOT Intermediate, CSX Roadway Protective Contractor Safety. CPC's Team Leader for this category is Landon "Alfie" Cross, PSM, who has managed an extensive list of projects in his 45 years as a Professional Land Surveyor and Mapper (PSM) throughout the state of Florida for both private and governmental clients including multiple municipalities, Florida Department of Transportation, AGL/Florida City Gas and Florida Power and Light Company. He has completed survey and mapping work that includes field data collection of boundary and topographic surveys, ALTA surveys, construction layout and as-builts including aboveground and underground utilities, roadway X-Sections, and cross-sections

(soundings) of canals and ditches. He has also used state-of-the-art GPS systems to as-built horizontal and vertical information for post-construction. CPC is equipped with Lidar equipment for a quicker and more detailed surveying and mapping performance.

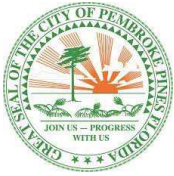
**JEREMY JONES, 3D Laser Scanning / BIM Specialist Technical College of the Lowcountry, Surveying, Harvard/NIST Team for Building Information Modeling for the GSA.** Jeremy has 28 years of experience including niche expertise in the geospatial industry that includes 3D laser scanning and building information models. He was part of a Harvard/NIST team that created the chapter and addendum to the Building Information Model Guide for the GSA. In addition to being a leader in the geospatial industry, he is also well versed in all aspects of construction. Experience includes GIS, topographic surveys, boundary surveys, ALTA surveys, construction surveys, and due diligence reports. These skill sets have been tested in multiple industry sectors ranging from design survey data collection to complex construction as-built verification.



**JAMES QUARTEL, PSM, Senior Project Surveyor Associate of Science, Civil Engineering, and Architectural Engineering Technology, Florida Surveying & Mapping Society, National Society of Professional Surveyors.** Mr. Quartel has more than 48 years of experience in surveying, including the preparation of design, topographic, right-of-way, FEMA, ALTA, wetland, and as-built surveys. In addition, he has handled control mapping, private and municipal platting, GPS network control, elevation certificates, and design-build projects at the Orlando Airport, for Florida's Turnpike and FDOT Districts 2, 4, and 5. Furthermore, he has managed multiple municipal and state continuing service contracts concurrently.

**DALTON PROCTOR, FAA Certified Drone Pilot** Mr. Proctor has been an accomplished rod-man/chain person in the surveying field for Carnahan Proctor and Cross, Inc. In recent years he has been promoted to 3D Survey Technician to lead the firm's three-dimensional rendering design and achieved FAA certification as an aerial drone pilot. Working all around Florida, his experience has included FDOT Design-Builds and large-scale land development projects. Mr. Proctor is familiar with numerous aspects of surveying and mapping, including topographical and boundary surveys, as-built surveys, and lot-and-block, all while utilizing GPS technology and Leica Total Stations.





**RFQ # PSPW-23-20, City of Pembroke Pines, CCNA Continuing Services  
for Citywide Professional Architectural, Engineering, Surveying & Mapping**

**PAUL CAMPBELL, CST III, Senior CAD Technician**, Mr. Campbell has over 20 years of experience in surveying & mapping. His experience includes horizontal and vertical control, right-of-way surveys, as-built surveys, topographic surveys, boundary surveys, and construction layout surveys. These skill sets have been tested in multiple industry sectors ranging from design survey data collection to complex construction as-built verification. As an Assistant Project Manager and Senior Survey Technician, Mr. Campbell supports management in balancing the time, budget, and scope of projects. He has excellent communication and problem-solving skills and is proficient in technology and computer skills, including AutoCAD, Civil 3D, Bluebeam, and the Microsoft Office Suite.



**HERB TILLMAN, General Contractor (GC)** Mr. Tillman is a successful professional with extensive experience managing construction and development projects. He has managed over \$3 Billion worth of projects through all phases of the construction and development process. His experience includes full-service operations and project management, including acquisition, due diligence, entitlements, planning, design, construction, and product delivery. He's provided consulting services to individuals and corporate clients on an hourly basis for various disciplines that include property evaluations, highest and best use recommendations, materials specifications, construction means and methods reviews, design versus as-built analyses, construction costs analyses, and construction defects investigations, and expert witness testimony. Herb's familiarity with FL

building codes and Plans Review makes him an asset to any project.

**HAROLD DUBON, PE, Senior Project Engineer Bachelors of Science in Civil Engineering, Florida Engineering Society, FDOT Leadership Academy, American Society of Civil Engineers, TEAMFL, FICE Transportation Committee, CEI Liasion, OSHA 510.** Harold, our Senior Vice President of Construction Services, has over 32 years of CEI experience on FDOT and municipal projects. He has extensive experience in program and contract management for all phases of construction including Design-Build projects. His expertise includes building/ facility construction, interstate, roadway, and bridge Construction Engineering and Inspection (CEI) construction. His duties have included overall CEI services management, business development, contract management, project management, personnel recruitment, threshold inspections, and Environmental Site Assessments.



**DAVID SANDUSKY, Senior Roadway Inspector** Mr. Sandusky has more than 48 years of construction experience working for FDOT District Five and CEI. He has served duties on numerous urban arterial and interstate roadway projects. David Sandusky (CPC), Senior Roadway Inspector. David will serve as our lead senior roadway inspector. He has over 48 years of roadway construction experience working in D1, D4, D5, and the Turnpike. Our Project Administrator, Glenn Bridges has worked with David for the last 30 years! David's roadway/asphalt construction experience is unsurpassed! He will oversee all roadway milling and paving operations for the team and will assign inspection tasks to the roadway inspectors on our team.





**RFQ # PSPW-23-20, City of Pembroke Pines, CCNA Continuing Services  
for Citywide Professional Architectural, Engineering, Surveying & Mapping**



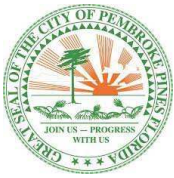
**ROBERT MARTENS, Project Administrator** *Mr. Martens has more than 18 years of FDOT Construction Engineering & Inspection (CEI) experience on the roadway, bridge, threshold construction, and general project oversight. His experience includes Conventional Design-Build, Lump Sum, Conventional Pay Item, Utility JPA projects, Federal Aid, and Federal Oversight projects.* Responsibilities include the overall management of the projects establishing coordination between the Client, Contractor, Designer, and associated parties, monitoring the daily construction activities, the inspector's verification & documentation activities, and material acceptance procedures, conducting pre-construction & progress meetings, reviewing & processing of the monthly & final estimates payments, reviewing the Contractor's base-line & progress schedules, reviewing contract plans and processing of supplemental agreements, contract work orders, solution of utility conflicts and the coordination of related construction activities, claims review and evaluation, and coordination of reports for the Dispute Review Board. Additional responsibilities include the supervision of project inspection staff, the Quality Assurance of FDOT projects, assurance of compliance with plans, permits, and specifications. Mr. Martens has served as Project Oversight II for FDOT projects in District 5 and has proven to be successful in completing difficult and sensitive projects and managing multiple projects concurrently. He has full CEI oversight experience on numerous Group Projects and also possesses CPM Scheduling experience in Sure Trak and Primavera P6.

**EDUARDO BAQUERO, Building Inspector** *Mr. Baquero offers extensive, hands-on supervisory experience in commercial, industrial, and residential construction. He assists with plans interpretation, take-off and estimating, building codes compliance and applications, quality control, and workplace safety & training.* As a State Certified Residential Contractor, a Licensed Structural Inspector, an ICC Certified Construction Inspector and an OSHA 500 Safety Certified Trainor, his extensive experience as a former OSHA Certified Safety Trainer and Consultant, Mr. Baquero can advise & direct personnel to maintain compliance with all Florida Building Codes and standards of OSHA Workplace Safety compliance. In practicing and maintaining these certifications and licenses, Mr. Baquero possesses an innate ability to perform duties as a construction inspector while managing adherence to the safety program on-site, conducting inspections, accident investigations, and maintaining record-keeping requirements. His extensive knowledge of state & national building codes paired with his bilingual capabilities allows him to foresee any potential problems and communicate these along with possible solutions.



**PHIL KEANE EI, Project Engineer** *Bachelor of Science in Civil Engineering, American Society of Civil Engineers.* Immersed in the South Florida construction industry from a young age, Phil brings a lifetime of constructability and design experience to the CPC team. He is experienced in all aspects of project development from performing due diligence at the inception of a project to developing engineering plans, specifications, and models to performing site inspections and project closeouts. Phil is experienced in utilizing the latest engineering software

for cost-effective development of engineering design including, AutoCAD Civil 3D, Stormwater Modeling in ICPR software, ASAD LT, BMP Trains, SAP 2000, BIM, Revit, and Water CAD. Phil has developed engineering designs for Private and Public sanitary sewer, and potable water infrastructure systems. He is located in our Deerfield Beach Office.



**RFQ # PSPW-23-20, City of Pembroke Pines, CCNA Continuing Services for Citywide Professional Architectural, Engineering, Surveying & Mapping**

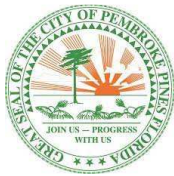
**Why Select CPC?**

***CPC realizes that governments face the challenge of planning, designing, and constructing new infrastructure for Context Sensitive Design (CSD) that must meet the needs of their communities, environment and enhance safety and promote a livable atmosphere for future generations. We request favorable consideration based on the following merits of our similar projects experience:***

- As a continuing professional services consultant for cities, counties, and other local governments, our key staff is experienced and specializes in performing similar services listed in the scope as it relates to field surveys, master planning, neighborhood improvement projects, CSI, Roundabouts/ traffic circles for traffic calming, site civil design, roadway design, site development reviews and engineering services (including post design, construction engineering inspection (CEI)) in the public and private sectors.
- Experienced staff, no learning curve. CPC is fully aware of the Work Order (WO) type contract. Our Team has redundancy to handle multiple assignments concurrently and will prioritize them to meet the project schedule and budget. Pre-qualified in all advertised work types.
- Our key staff has a track record of successfully constructing projects in the State of Florida. The team has staff redundancy to handle concurrent task work orders, to be expedited in a timely manner. CPC Staff is available and ready to go.
- Having served as both owner's rep and prime consultant, CPC Staff can successfully handle challenges that may arise and provide cost-effective innovative strategies, when feasible.
- Strong PM and Work Order Leaders, who can accelerate critical tasks (such as Survey, Right of Way Acquisitions, Utility Coordination, etc.) to meet schedule, and identify early in the process anything that may derail the project schedule and budget
- The success of any project hinges on great communication and being proactive to our Clients' needs. Our offices are located in Broward County to facilitate face-to-face meetings. Alternatively, CPC staff can communicate effectively through Go to Meetings, Skype, Zoom, Microsoft Teams, etc.
- CPC is supporting various municipalities throughout Florida in the implementation of projects. With the experience and lessons learned from these projects, our team will be a great asset to the City in developing cost-effective innovative value-added features. CPC has worked together with Municipalities, to obtain additional funding to enhance safety and improve capacity and operations.
- CPC prides itself on improving the communities with our CSD approach. We're determined to partner with the City to achieve its goals of promoting the City's Vision, positioning the City's smart growth, promoting economic development while developing infrastructure for balanced sustainable growth, and improving quality of life.
- CPC Team understands the City's Comprehensive Plan and Visioning process, with regard to the revitalization and redevelopment, while promoting healthy community design and sustainability, and making the City a great place to live, work, play, and raise families.







**RFQ # PSPW-23-20, City of Pembroke Pines, CCNA Continuing Services for Citywide Professional Architectural, Engineering, Surveying & Mapping**

**CPC AWARDS**



**Awards and Successful Project Achievements**

Our Construction Engineering & Inspection (CEI) Division continues to be acknowledged for our innovative and costs savings initiatives, delivering successful projects on time and within budget.

**"Outstanding Major Project" 2019 American Council Of Engineering (ACEC) of Florida**

\$59 million construction project on State Road (SR) 977/Krome Avenue from SR 94/SW 88 Street/Kendall Drive to north of SR 90/SW 8 Street/Tamiami Trail in Miami-Dade County

**Florida Transportation Builders Association (FTBA ) AWARD "Best Urban Project" and "Asphalt Contractors Association (ACAF) District Pavement Award"**

\$10 million urban roadway grouping SR 834 (Sample Rd.)/SR 7 (441)/ SR 814/(Atlantic Avenue) is located within the municipalities of Margate, Coconut Creek, Coral Springs and Pompano Beach

**"Florida Tax Watch Prudential Productivity Award for Cost Savings"**

\$4.8M Orange Avenue project consisted of shoulder widening and drainage improvements

**"Florida Tax Watch Prudential Productivity Award for Cost Savings"**

\$38 million grouping SR 823 (Red Road / NW 57th Ave) grouping from W 23 ST to W 54 St., located within the City of Hialeah

**"Florida Tax Watch Davis Productivity Award for Cost Savings"**

\$19 million SR 70 from Okeechobee County Line to MP 5.871

**Florida Transportation Builders Association (FTBA ) AWARD "Best in Construction - Major Bridge"**

\$30 million Dixie Flyover, CR 811/Dixie Highway from SR 810 to SW 18th St.

**"Florida Tax Watch Davis Productivity Award for Cost Savings"**

\$21 million SR 60 from 82nd Ave to 66th Ave completed 200 days ahead of schedule & within budget, achieved full bonus

**Florida Transportation Builders Association (FTBA ) AWARD "Best in Construction"**

\$45 million A1A Lauderdale By the Sea – completed early, under budget, Final Estimates submitted in 5 days without errors

**Florida Transportation Builders Association (FTBA ) AWARD "Best in Construction"**

\$6 million US 27 resurfacing project – completed early, under budget and no straightedge penalties

**Florida Transportation Builders Association (FTBA ) AWARD "Utility Coordination"**

\$4.7 million A1A from Hollywood Blvd. to Sheridan – completed early, under budget, full bonus; also completed \$6 million A1A from Dania Beach Blvd. to Sheridan – completed early, full bonus

**Florida Transportation Builders Association (FTBA ) AWARD "Best in Construction"**

\$5 million US1 from Hollywood to I-595 – completed early







**RFQ # PSPW-23-20, City of Pembroke Pines, CCNA Continuing Services  
for Citywide Professional Architectural, Engineering, Surveying & Mapping**

**CPC PROFESSIONAL AFFILIATIONS**



**Professional Organizations & Affiliations**

*CPC actively supports various professional and community organizations.  
We proudly support our industry and the communities we live, work and play.*

**2022 TOP ENGINEERING FIRMS SOUTH FLORIDA**

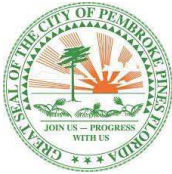
*Ranked by South Florida Business Journal*

**2022 TOP ENGINEERING FIRMS CENTRAL FLORIDA**

*Ranked by Orlando Business Journal*

- ◆ NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS
- ◆ AMERICAN SOCIETY OF PROFESSIONAL ENGINEERS
- ◆ AMERICAN COUNCIL OF ENGINEERING COMPANIES (ACEC)
- ◆ ACEC TRANSPORTATION COMMITTEE MEMBER
- ◆ ACEC- 3D MODELING DESIGN SUBCOMMITTEE MEMBER
- ◆ AMERICAN SOCIETY OF HIGHWAY ENGINEERS (ASHE)
- ◆ PEPP-MEMBER OF PROFESSIONAL ENGINEERS IN PRIVATE PRACTICE
- ◆ FES-FLORIDA ENGINEERING SOCIETY
- ◆ INSTITUTE OF TRANSPORTATION ENGINEERS
- ◆ FLORIDA SURVEYING AND MAPPING SOCIETY MEMBER
- ◆ BROWARD LEAGUE OF CITIES ASSOCIATE MEMBER
- ◆ TEAMFL-TRANSPORTATION & EXPRESSWAY AUTHORITY MEMBERSHIP OF FLORIDA
- ◆ FLORIDA TRANSPORTATION BUILDERS ASSOCIATION (FTBA)/ FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) CONSTRUCTION CAREER DAYS SPONSOR
- ◆ COMMERCIAL REAL ESTATE DEVELOPMENT ASSOCIATION (NAIOP)





**RFQ # PSPW-23-20, City of Pembroke Pines, CCNA Continuing Services  
for Citywide Professional Architectural, Engineering, Surveying & Mapping**

**CLIENT TESTIMONIALS**



August 19, 2019

Greg Proctor  
President  
Carnahan, Proctor, and Cross, Inc.  
814 S. Military Trail  
Deerfield Beach, FL 33442

Dear Greg,

It has been a pleasure working with you and your firm for the past twenty five (25) years in the development, design, and construction of large scale master planned stormwater management projects for Bergeron Properties & Investment Corp. It is with great confidence that I write this letter as my highest recommendation of you and your professional services consulting firm, Carnahan, Proctor and Cross, Inc. (CPC). I have had the opportunity to work with you and your team members as they have been an integral part and valuable resource assisting us in the master planning, design, and permitting of the Bergeron Park of Commerce South and the Bergeron Park of Commerce North over the past 25 years.

Your management team is currently performing Engineering, Surveying and Permitting services for the Bergeron Park of Commerce South a 177 acre Industrial Park that is the final element of the 496 Acre mixed use master planned development and stormwater master planned project. Your team also continues to assist our corporation in the design permitting, development and redevelopment of the Bergeron Park of Commerce North a 127 acre industrial park which similarly is a part of an overall mixed use master planned drainage system of 249 acres. Your team has continued to provide the highly qualified personnel needed for the success of this project and many others we own or are involved in. Your staff has shown their ability to collaborate with our team and local agencies, meeting the necessary requirements as needed for permit submittals and working toward project completion.

CPC demonstrates the professionalism and ethical caliber of a firm that Bergeron Properties & Investment Corp. will continue to work with in the future. I feel confident that CPC will continue to do an outstanding job maintaining our great relationship and I look forward to our future working relationship.

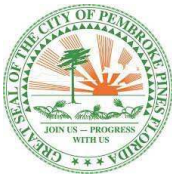
Sincerely,

Ronald M. Bergeron, Sr.

19612 SW 69th Place • Pembroke Pines, FL 33332 • 954.680.0223 • FAX: 954.680.0218  
www.bergeronland.com E-mail: BPIC@bergeroninc.com







**RFQ # PSPW-23-20, City of Pembroke Pines, CCNA Continuing Services  
for Citywide Professional Architectural, Engineering, Surveying & Mapping**



**UTILITIES & ENGINEERING DEPARTMENT  
ENGINEERING DIVISION**  
5295 JOHNSON ROAD  
COCONUT CREEK, FLORIDA 33073



**OSAMA ELSHAMI, PE, CFM**  
DEPARTMENT DIRECTOR



March 28, 2016

Re: Letter of Reference for Carnahan Proctor and Cross, Inc.

To Whom It May Concern,

On behalf of the City of Coconut Creek, it is my pleasure to provide this letter of recommendation to Carnahan Proctor Cross (CPC) for Construction Engineering Inspection (CEI) services. I have known and worked with CPC for two years and find their staff to be well qualified and responsive to their client's needs.

In 2013, CPC was selected by the City of Coconut Creek to provide Construction Engineering and Inspection (CEI) services for the Education Corridor Improvements Phase III within the Coconut Creek Parkway right of way. The Project was a Resurfacing, Restoration and Rehabilitation (RRR) project funded by the FDOT through the Local Agency Program (LAP). The construction cost of the project was over \$2,000,000 and it included landscaping, irrigation, sidewalk, drainage, lighting, and signage elements.

In addition to the capable and responsive inspection services provided, the CPC team was also instrumental in assisting us with the complexities of the FDOT's reimbursement process, as well as interfacing with the Broward County Engineering Division on meeting their permit requirements and permit closeout. We were very pleased with CPC in representing the City's interest and attribute their commitment in large for the successful delivery of our project.

I feel confident in highly recommending CPC to provide Construction Engineering Inspection services for similar work. If you need more information or have any questions regarding this reference for CPC, please do not hesitate to contact me at 954-956-1504.

Sincerely

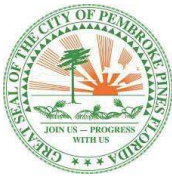
Asaad Akar, P.E.  
Senior Project Manager

PHONE (954) 973-6786

[www.coconutcreek.net](http://www.coconutcreek.net)

FAX (954) 571-4146





**RFQ # PSPW-23-20, City of Pembroke Pines, CCNA Continuing Services  
for Citywide Professional Architectural, Engineering, Surveying & Mapping**



DEPARTMENT OF SUSTAINABLE DEVELOPMENT  
CODE COMPLIANCE DIVISION  
4800 WEST COPANS ROAD  
COCONUT CREEK, FLORIDA 33063



SHEILA N. ROSE  
DEPARTMENT DIRECTOR

May 11, 2020

**Re: Letter of Reference for Carnahan Proctor Cross, Inc.**

To whom May it Concern:

Please accept this letter as recommendation for Carnahan Proctor Cross, Inc. (CPC). They have worked with the City of Coconut Creek for over two years as a general consultant contractor. They are a pleasure to work with and are always flexible with the right kind of staff for our project needs. They are also ready to step in and act as an extension of City staff when that may be necessary.

They provided Construction engineering and inspection services for our Education Corridor Improvements project (Phase III). This was a resurfacing, restoration, and rehabilitation project funded by the FDOT through the Local Agency Program.

The CPC team completed the design of a lighting conduit and pedestrian lighting along Lyons Road. This was incorporated with an FDOT project and required on-time deliveries and coordination. They completed the design and seamlessly coordinated with FDOT. They have been responding to the needs of the City and support the City under the Surtax funding opportunities by attending meetings when requested.

Carnahan Proctor Cross has always exhibited exemplary professionalism in coordination related to potential conflicts of interest, design services, and responsiveness to the City's requirements. We are extremely satisfied by their services and are very pleased to recommend them for any similar work.

If you need further information regarding this reference, please contact me at 954-973-6756.

Sincerely,

SHEILA N. ROSE, Assistant City Manager  
Director of Sustainable Development

SNR/ds  
S:\Data\Development Services\IDStecko\Documents\letters\L-20048 SNR re Letter of Recommendation for Carnahan Proctor Cross.docx

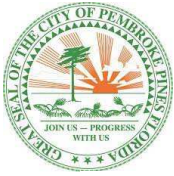
PHONE (954) 973-6756

[www.coconutcreek.net](http://www.coconutcreek.net)

FAX (954) 956-1424





**City Commission**

Mayor Tommy Ruzzano  
Vice Mayor Joyce W. Bryan  
Lesa Peerman  
Joanne Simone  
Frank B. Talerico

**City Manager**

Douglas E. Smith

**City Attorney**

Eugene M. Steinfeld

**City Clerk**

Joseph J. Kavanagh

**RFQ # PSPW-23-20, City of Pembroke Pines, CCNA Continuing Services  
for Citywide Professional Architectural, Engineering, Surveying & Mapping**

January 6, 2016

To Whom It May Concern

It is my pleasure to provide this letter of recommendation for the services of Carnahan Proctor Cross Inc. (CPC) have provided to the City of Margate. I have known and worked with CPC for many years and found their staff to be well qualified and expedient in providing Engineering, Surveying and Construction Inspection services.

CPC was selected by the City of Margate to perform a diversity of work (Engineering, Surveying and Construction Inspection) in order to assist the City in overseeing the Margate Road Bond Resurfacing Project. This Project was a \$30,000,000 project that included 90 miles of Roadway resurfacing, 20 miles of hot in place road resurfacing, 19 miles of curbing, 15 miles of sidewalk and 400 handicap accessible ramps. CPC was a "perfect fit" to assist us through this complex and lengthy project over a 30 month period. We were very pleased with CPC as an extension of our staff through the complex phases of this project.

I highly recommend CPC to provide Engineering, Surveying and/or Construction Engineering Inspection services to any public or private entity in need of a reputable, responsive and flexible engineering Firm.

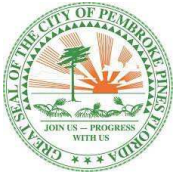
Sincerely

Sam May  
Public Works Director  
City of Margate, Florida

**Public Works Department**

102 N. Rock Island Road, Margate, FL 33063 • Phone: (954) 972-8126 • Fax: (954) 972-7586  
[www.margatefl.com](http://www.margatefl.com) • [pwdirector@margatefl.com](mailto:pwdirector@margatefl.com)





**RFQ # PSPW-23-20, City of Pembroke Pines, CCNA Continuing Services  
for Citywide Professional Architectural, Engineering, Surveying & Mapping**

5001-12 Chancellors Wharf  
Christiansted, Saint Croix  
Virgin Islands of the US  
jeff@thegreenpiece.us



PO Box 25105  
Gallows Bay, VI 00824  
Phone: 340.778.7474  
www.thegreenpiece.us



August 18, 2021

Re: Letter of Reference for Carnahan Proctor Cross, Inc.

To Whom May It Concern,

**The Green Piece Engineering + Environment, LLC** selected Carnahan Proctor Cross, Inc. (CPC) to provide Surveying & Mapping services under a Master Services Agreement for our work in the Virgin Islands. Since the agreement, I have worked with CPC staff on various projects, including hurricane recovery work performed for AECOM and the Virgin Islands Department of Education. Our team provided aerial drone surveys, boundary verification, precise topographic surveys, construction staking, and subsurface utility engineering on seventeen school sites on all three US Virgin Islands.

We are currently working on a task order contract for the same services above for the Office of Disaster Recovery. During all these projects I have found their staff well qualified, experienced, and expedient in providing services.

We can recommend CPC to provide Professional services to any public or private entity in need of a reputable, experienced, qualified, responsive, and flexible firm. They are also ready to step in and act as an extension of our staff when that may be necessary.

CPC has always exhibited exemplary professionalism in coordination related to potential conflicts of interest, and responsiveness to the project's needs. We are extremely satisfied with their services and are very pleased to recommend them for any similar work.

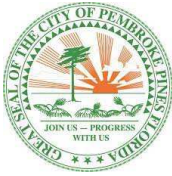
If you have any questions or would like to discuss this reference, please contact me at 340.513.4684, and I will be happy to provide the information needed.

Sincerely,

**The Green Piece Engineering + Environment**

Jeffrey Bateman, PE, PLS  
Managing Member  
[jeff@thegreenpiece.us](mailto:jeff@thegreenpiece.us)  
340.513.4684





**RFQ # PSPW-23-20, City of Pembroke Pines, CCNA Continuing Services  
for Citywide Professional Architectural, Engineering, Surveying & Mapping**



May 15, 2020

Re: Letter of Reference for Carnahan Proctor Cross, Inc.

To whom May it Concern:

The City of Coral Springs retained Carnahan, Proctor, Cross, Inc. (CPC) to support the City for the design of two Fires Station Emergency Signal Design. The project approved by the Broward County Traffic Engineering Division, is currently a candidate for funding under the Broward County Surtax program. CPC is assisting the City in responding to additional information related to the final financial approval by the Broward County MPO steering committee.

CPC also completed a conceptual design for improvements along NW 39<sup>th</sup> Street for funding under the Complete Street Local Initiative Program (CSLIP). The Broward County MPO CSLIP committee funded the project with an expected construction cost of 1.6 million dollars. CPC has been responding to the needs of the City and support the City in responding to additional information related to the final funding details of the project funding process.

Additionally, (CPC) is providing professional services for the design of roadway improvements, pedestrian ramps in compliance with ADA criteria, and sidewalks studies.

We consider CPC an extension of the City staff and highly recommend the company to provide Roadway Design, Transportation Planning, and Traffic Engineering services to any public or private entity in need of a reputable, responsive and flexible Firm.

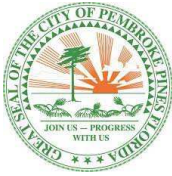
Sincerely,

Glen Gordon  
Project Manager  
City of Coral Springs

Jason Gonzalez  
Assistant Chief  
Coral Springs Fire Department

CITY OF CORAL SPRINGS, FLORIDA • UTILITIES AND ENGINEERING DIVISION  
3800 N.W. 85<sup>th</sup> Avenue • Coral Springs, FL 33065  
Phone 954-345-2160 • Fax 954-345-2169  
[www.coral Springs.org](http://www.coral Springs.org)





**RFQ # PSPW-23-20, City of Pembroke Pines, CCNA Continuing Services  
for Citywide Professional Architectural, Engineering, Surveying & Mapping**



**City of Dania Beach**  
Department of Public Services

1201 Stirling Road · Dania Beach, FL 33004 · (954) 924-3742 · (954) - 923-1109 (fax)



January 5, 2016

To Whom It May Concern:

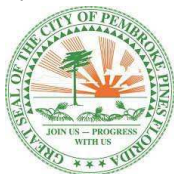
I am pleased to provide this letter of recommendation for the services Carnahan, Proctor and Cross, Inc. (CPC), has provided to the City of Dania Beach under their Continuing Services Contract for Engineering Services. As a part of this contract, CPC staff has been expedient and turned around quality deliverables on fast-track projects. Notably, CPC staff has done excellent work for the Dania Beach Blvd lane elimination project (between US1 and SR A1A), wherein CPC staff is working proactively with the City, FDOT and Broward MPO to implement complete streets initiatives to accommodate 7' buffered bike lanes, wider pedestrian sidewalks and bus bays.

Recently, CPC staff has provided quality survey and site civil design permitting and deliverables for two projects involving replacement of deteriorating water main and a second for roadway drainage improvements. CPC prepared a special purpose survey and final design and construction plans for the drainage improvements on SW 3rd Avenue located in the City of Dania Beach. This project included the retrofit design of paving, grading, and drainage improvements to alleviate localized flooding and allow for pedestrian connectivity within downtown Dania Beach. The water main improvement project recently designed and permitted by CPC for NE 2nd Avenue located in the City of Dania Beach required the expedited survey, design, and permitting of a new 6" water main to replace an existing deteriorating iron water main which was under scrutiny from outcry by residents and monitoring by Health Department. CPC has consistently provided timely and accurate services. I enjoy working with the CPC team and strongly recommend their firm for future work.

If you have any questions, please feel free to contact me.

Sincerely,

Ronnie S. Navarro, PE  
Deputy Director/City Engineer  
954-924-3742



**RFQ # PSPW-23-20, City of Pembroke Pines, CCNA Continuing Services  
for Citywide Professional Architectural, Engineering, Surveying & Mapping**



To Whom May It Concern:

Florida Power & Light (FPL) selected Carnahan Proctor Cross, Inc., (CPC) to provide Surveying & Mapping services under a master services agreement. Since the agreement, I have worked with CPC staff on various projects. I found their staff well qualified, experienced, and expedient in providing services.

We can recommend CPC to provide Professional services to any public or private entity in need of a reputable, experienced, qualified, responsive, and flexible firm. They are also ready to step in and act as an extension of our staff when that may be necessary.

CPC has always exhibited exemplary professionalism in coordination related to potential conflicts of interest, and responsiveness to the College's needs. We are extremely satisfied with their services and are very pleased to recommend them for any similar work.

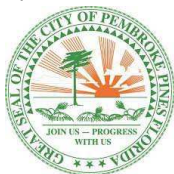
If you need further information regarding this reference, please contact me at 772-337-7043 or via email at [Brian.Gascoigne@fpl.com](mailto:Brian.Gascoigne@fpl.com).

Sincerely,

*Brian Gascoigne*

Brian Gascoigne  
Survey Lead Treasure Coast-Central Florida-North Area  
FLORIDA POWER & LIGHT  
1050 Southeast Brandon  
Walton Service Center  
Port Saint Lucie, Florida 34952





**RFQ # PSPW-23-20, City of Pembroke Pines, CCNA Continuing Services  
for Citywide Professional Architectural, Engineering, Surveying & Mapping**

Weston, FL  
[www.VDCOtech.com](http://www.VDCOtech.com)



September 1, 2021

Re: Letter of Reference for Carnahan Proctor Cross, Inc.

To whom May It Concern:

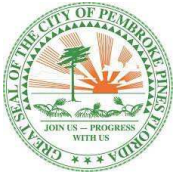
Please allow this letter to serve as reference and recommendation for Carnahan Proctor Cross, Inc. VDCO Tech hired Carnahan Proctor Cross, Inc. (CPC) to provide 3D Laser Scanning and Surveying & Mapping Services on the Broward County Property Appraiser and Value Adjustment Board Building Renovation project. We continue to reach out to CPC when teaming opportunities arise and value the services they offer. When working with them on this project, we found their staff well qualified, experienced, and expedient in providing professional services as contracted.

We can recommend Carnahan Proctor Cross, Inc. to provide laser scanning services to any public or private entity in need of a reputable, experienced, qualified, responsive, and flexible Firm. We are extremely satisfied by their services and are very pleased to recommend them for any similar work.

If you need further information regarding this reference, please contact me at 954-256-8326 or via email at [cbaldwin@vdcotech.com](mailto:cbaldwin@vdcotech.com).

Sincerely,


Cindy Baldwin, GCG, LEED AP, CM-BIM  
President



**RFQ # PSPW-23-20, City of Pembroke Pines, CCNA Continuing Services  
for Citywide Professional Architectural, Engineering, Surveying & Mapping**

**CERTIFIED MINORITY BUSINESS ENTERPRISE STATEMENT**

Although CPC is not a minority-owned business M/WBE, we pride ourselves on connecting with and collaborating with minority-owned M/WBE businesses throughout Florida. CPC is committed to continuing to be a supportive partner in the efforts to ensure minority and female-owned firms have the opportunity to obtain work on various projects throughout Florida.

  
**Florida Department of Transportation**  
605 Suwannee Street  
Tallahassee, FL 32399-0450

RON DESANTIS  
GOVERNOR

KEVIN J. THIBAUT, P.E.  
SECRETARY

December 31, 2019

Mr. Gregory M. Proctor, President  
Carnahan, Proctor & Cross, Inc.  
814 South Military Trail  
Deerfield Beach, FL 33442

Dear Mr. Proctor:

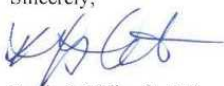
I want to thank you personally for your conscientious efforts during the 2018-2019 federal fiscal year (FFY) to use Disadvantaged Business Enterprises (DBEs) on Department of Transportation funded projects. The State of Florida achieved 12.46% on federally funded projects exceeding the 10.65% DBE goal established for the 2018-2019 FFY.

Your company was instrumental in the achievement of the state's goal. **The actual percentage reported for your company is 20.22% on 6 project(s). This results in a DBE utilization grade of A+.**

Your efforts are commendable and show a commitment to being a supportive partner in our efforts to ensure minority and female owned firms have the opportunity to obtain work on transportation projects in Florida. I encourage you to continue with these efforts that not only strengthen the overall economy of the State, but also strengthen the transportation industry.

If the Department can provide you with any assistance in the DBE Program, please contact Terry Watson, State DBE Program Coordinator, at (850) 414-4763 or [terry.watson@dot.state.fl.us](mailto:terry.watson@dot.state.fl.us). Also, you can visit the EEO website at [www.fdot.gov/equalopportunity](http://www.fdot.gov/equalopportunity) to view the 2017-2018 federal fiscal year grading scale and reporting criterion.

Thank you again.

Sincerely,  
  
Kevin J. Thibault, P.E.  
Secretary

KJT:tvw

[www.fdot.gov](http://www.fdot.gov)

## 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>

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
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

**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.