

AGREEMENT

Between

City of Fort Lauderdale

and

Craven, Thompson & Associates, Inc.

for

Survey and Mapping Consulting Services

AGREEMENT

THIS IS AN AGREEMENT made and entered into this 3rd day of September 2014,
by and between:

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

and

Craven, Thompson & Associates, Inc., a Florida corporation (hereinafter
referred to as "CONSULTANT").

WHEREAS, the City Commission of the City of Fort Lauderdale, Florida at its
meeting of September 3, 2014 authorized by motion the execution of this
Agreement between CONSULTANT and CITY authorizing the performance of Survey
and Mapping Consulting Services, RFQ No. 246-11375 (the "Agreement"); and

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

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

ARTICLE 1 DEFINITIONS AND IDENTIFICATIONS

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

- 1.1 AGREEMENT: Means this document between the CITY and CONSULTANT
dated September 3, 2014 and any duly authorized and executed
Amendments to the Agreement.
- 1.2 CERTIFICATE FOR PAYMENT: A statement by CONSULTANT based on
observations at the site and on review of documentation submitted by the
Contractor that by its issuance recommends that CITY pay identified amounts to
the Contractor for services performed by the Contractor at the Project.
- 1.3 CHANGE ORDER: A written order to the CONSULTANT approved by the CITY
authorizing a revision of this Agreement between the CITY and the
CONSULTANT that is directly related to the original scope of work or an
adjustment in the original contract price or the contract time directly related to the
original scope of work, issued on or after the effective date of this Agreement.

The CONSULTANT may review and make recommendations to the CITY on any proposed Change Orders, for approval or other appropriate action by the CITY.

- 1.4 CITY: The City of Fort Lauderdale, a Florida municipality.
- 1.5 CITY MANAGER: The City Manager of the City of Fort Lauderdale, Florida.
- 1.6 COMMISSION: The City Commission of the City of Fort Lauderdale, Florida, which is the governing body of the CITY government.
- 1.7 CONSTRUCTION COST: The total construction cost to CITY of all elements of the Project designed or specified by the CONSULTANT.
- 1.8 CONSTRUCTION COST LIMIT: A maximum construction cost limit established by the CITY defining the maximum budget amount to which the final construction documents should be designed so as not to exceed.
- 1.9 CONSTRUCTION DOCUMENTS: Those working drawings and specifications and other writings setting forth in detail and prescribing the work to be done, the materials, workmanship and other requirements for construction of the entire Project, including any bidding information.
- 1.10 CONSULTANT: Craven, Thompson & Associates, Inc., the CONSULTANT selected to perform professional services pursuant to this Agreement.
- 1.11 CONTRACT ADMINISTRATOR: The Public Works Director of the City of Fort Lauderdale, or his designee. In the administration of this Agreement, as contrasted with matters of policy, all parties may rely upon instructions or determinations made by the Contract Administrator.
- 1.12 CONTRACTOR: One or more individuals, firms, corporations or other entities identified as such by a written agreement with CITY ("Contract for Construction") to perform the construction services required to complete the Project.
- 1.13 ERROR: A mistake in design, plans and/or specifications that incorporates into those documents an element that is incorrect and is deficient from the standard of care that a professional Survey and Mapping consultant in similar circumstances, working on a similar project and location would have exercised. Also includes mistakes in design, plans, specifications and/or shop drawings review that lead to materials and/or equipment being ordered and/or delivered where additional costs are incurred.
- 1.14 FINAL STATEMENT OF PROBABLE CONSTRUCTION COSTS: A final cost estimate prepared by CONSULTANT during the Final Design Phase of the Project, based upon the final detailed Construction Documents of the Project.
- 1.15 NOTICE TO PROCEED: A written Notice to Proceed with the Project issued by the Contract Administrator.

- 1.16 OMISSION: A scope of work missed by the CONSULTANT that is necessary for the Project, including a quantity miscalculation, which was later discovered and added by Change Order and which is deficient from the standard of care that a professional Survey and Mapping Consultant in similar circumstances, working on a similar project and location would have exercised. Also includes design that was wrong, but was corrected after award to the Contractor, but before the construction process was materially affected.
- 1.17 ORIGINAL CONTRACT PRICE: The original bid and/or contract price as awarded to a Contractor based upon the CONSULTANT'S final detailed Construction Documents of the Project.
- 1.18 PLANS AND SPECIFICATIONS: The documents setting forth the final design plans and specifications of the Project, including architectural, civil, structural, mechanical, electrical, communications and security systems, materials, lighting equipment, site and landscape design, and other essentials as may be appropriate, all as approved by CITY as provided in this Agreement.
- 1.19 PRELIMINARY PLANS: The documents prepared by the CONSULTANT consisting of preliminary design drawings, renderings and other documents to fix and describe the size and character of the entire Project, and the relationship of Project components to one another and existing features.
- 1.20 PROJECT: An agreed scope of work for accomplishing a specific plan or development. This may include, but is not limited to, Survey and Mapping, planning, architectural, engineering, and construction support services. The services to be provided by the CONSULTANT shall be as defined in this Agreement and further detailed in Task Orders for individual projects or combinations of projects. The Project planning, design and construction may occur in separate phases and Task Orders at the CITY's discretion.
- 1.21 RESIDENT PROJECT REPRESENTATIVE: Individuals or entities selected, employed, compensated by and directed to perform services on behalf of CITY, in monitoring the Construction Phase of the Project to completion.
- 1.22 TASK ORDER: A document setting forth a negotiated detailed scope of services to be performed by the CONSULTANT at fixed contract prices in accordance with this Agreement between the CITY and the CONSULTANT.
- 1.23 TIME OF COMPLETION: Time in which the entire work shall be completed for each Task Order.

ARTICLE 2 PREAMBLE

In order to establish the background, context and frame of reference for this Agreement and to generally express the objectives and intentions of the respective Parties hereto,

the following statements, representations and explanations shall be accepted as predicates for the undertakings and commitments included within the provisions of this Agreement which follow and may be relied upon by the Parties as essential elements of the mutual considerations upon which this Agreement is based.

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

ARTICLE 3 SCOPE OF SERVICES

- 3.1 The CONSULTANT shall perform the following professional services: Survey and Mapping Consulting Services as more specifically described in Exhibit "A," Scope of Services, attached hereto and incorporated herein, and shall include, but not be limited to, services as applicable and authorized by individual Task Orders for the individual projects in accordance with Article 5 herein. CONSULTANT shall provide all services set forth in Exhibit "A" including all necessary, incidental and related activities and services required by the Scope of Services and contemplated in CONSULTANT's level of effort.
- 3.2 CITY and CONSULTANT acknowledge that the Scope of Services does not delineate every detail and minor work tasks required to be performed by CONSULTANT to complete the Project. If, during the course of the performance of the services included in this Agreement, CONSULTANT determines that work should be performed to complete the Project which is in the CONSULTANT's opinion, outside the level of effort originally anticipated, whether or not the Scope of Services identifies the work items, CONSULTANT shall notify Contract Administrator and obtain written approval by the CITY in a timely manner before proceeding with the work. If CONSULTANT proceeds with said work without notifying the Contract Administrator, said work shall be deemed to be within the original level of effort, whether or not specifically addressed in the Scope of Services. Notice to Contract Administrator does not constitute authorization or approval by CITY to perform the work. Performance of work by CONSULTANT outside the originally anticipated level of effort without prior written CITY approval is at CONSULTANT's sole risk.

ARTICLE 4 GENERAL PROVISIONS

- 4.1 Negotiations pertaining to the professional design, survey and mapping, architectural and project management services to be performed by the CONSULTANT have been undertaken between CONSULTANT and a committee of CITY representatives pursuant to Section 287.055, Florida Statutes, and this

Agreement incorporates the results of such negotiation.

- 4.2 CONSULTANT shall include CITY's specific Task Order number as part of the heading on all correspondence, invoices and drawings. All correspondence shall be directed specifically to the Contract Administrator.

ARTICLE 5 TASK ORDERS

- 5.1 The Project will be divided into "Tasks."
- 5.2 Task Orders shall be jointly prepared by the CITY and CONSULTANT defining the detailed scope of services to be provided for the particular Project. Each Task Order shall be separately numbered and approved in accordance with this Agreement and all applicable CITY code requirements.
- 5.3 Under all Task Orders and Projects, CITY may require the CONSULTANT, by specific written authorization, and for mutually agreed upon additional compensation, to provide or assist in obtaining one or more of the following special services. These services may include, at the discretion of the CITY, the following items:
 - 5.3.1 Providing additional copies of reports, contract drawings and documents; and
 - 5.3.2 Assisting CITY with litigation support services arising from the planning, development, or construction.
- 5.4 Prior to initiating the performance of any services under this Agreement, CONSULTANT must receive a written Notice to Proceed / Purchase Order from the CITY. The CONSULTANT must receive the approval of the Contract Administrator or his designee in writing prior to beginning the performance of services in any subsequent Task Order under this Agreement.
- 5.5 If, in the opinion of the CITY, the CONSULTANT is improperly performing the services under a specific Task Order, or if at any time the CITY shall be of the opinion that said Task Order is being unnecessarily delayed and will not be completed within the agreed upon time, the CITY shall notify the CONSULTANT in writing. The CONSULTANT has within ten (10) working days thereafter to take such measures as will, in the judgment of the CITY, ensure satisfactory performance and completion of the work. If the CONSULTANT fails to cure within the ten (10) working days, the CITY may notify the CONSULTANT to discontinue all work under the specified Task Order. The CONSULTANT shall immediately respect said notice and stop said work and cease to have any rights in the possession of the work and shall forfeit the Task Order and any remaining monies. The CITY may then decide, after City Commission approval, to issue a

new Task Order for the uncompleted work to another consultant using the remaining funds. Any excess costs arising therefrom over and above the original Task Order price shall be charged against CONSULTANT, as the original CONSULTANT.

ARTICLE 6
TERM OF AGREEMENT; TIME FOR PERFORMANCE

- 6.1 The initial term of this Agreement shall be for TWO (2) years from the date of this Agreement. The CITY shall have the option to renew this Agreement for TWO (2) successive one (1) year terms under the same terms, conditions, and compensation as set forth herein.
- 6.2 CONSULTANT shall perform the services described in Task Orders within the time periods specified in the Task Order. Said time periods shall commence from the date of the Notice to Proceed for such services.
- 6.3 Prior to beginning the performance of any services under this Agreement, CONSULTANT must receive a Notice to Proceed. CONSULTANT must receive written approval from the Contract Administrator prior to beginning the performance of services in any subsequent phases of the Agreement. Prior to granting approval for CONSULTANT to proceed to a subsequent phase, the Contract Administrator may, at his or her sole option, require CONSULTANT to submit itemized deliverables/documents for the Contract Administrator's review.
- 6.4 In the event CONSULTANT is unable to complete any services because of delays resulting from untimely review by CITY or other governmental authorities having jurisdiction over the Project, and such delays are not the fault of CONSULTANT, or because of delays which were caused by factors outside the control of CONSULTANT, CITY shall grant a reasonable extension of time for completion of the services. It shall be the responsibility of the CONSULTANT to notify CITY promptly in writing whenever a delay in approval by a governmental agency is anticipated or experienced, and to inform CITY of all facts and details related to the delay.
- 6.5 The time for the performance of services described in assigned Task Orders shall be negotiated by the CITY and the CONSULTANT as the services are requested and authorized by the CITY.

ARTICLE 7
COMPENSATION AND METHOD OF PAYMENT

7.1 AMOUNT AND METHOD OF COMPENSATION

The method of compensation for each Task Order shall be not to exceed as agreed upon per Task Order and described in Section 7.1.1 below.

Not To Exceed Amount Compensation

7.1.1. CITY agrees to pay CONSULTANT as compensation for performance of basic services as related to Exhibit "A" required under the terms of this Agreement up to a Not to Exceed Amount of \$116,666.66. The total hourly rates payable by CITY for each of CONSULTANT's employee categories are shown on Exhibit "B."

The hourly rate-billing schedule to be used in negotiating each Task Order is attached as Exhibit "B" to this Agreement. As described in Section 8.1, no modification, amendment, or alteration to Exhibit "B" shall be effective unless contained in a written document prepared with the same formality as this Agreement and executed by the CITY and CONSULTANT.

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

7.2 REIMBURSABLES

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

under this Agreement. Reimbursables shall include only the following listed expenses unless authorized in writing by the Contract Administrator:

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

B. Identifiable testing costs approved by Contract Administrator.

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

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

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

7.2.3 It is acknowledged and agreed to by CONSULTANT that the dollar limitation set forth in each Task Order is a limitation upon, and describes the maximum extent of CITY's obligation to reimburse CONSULTANT for direct, nonsalary expenses, but does not constitute a limitation, of any sort, upon CONSULTANT's obligation to incur such expenses in the performance of services hereunder. If CITY or Contract Administrator requests CONSULTANT to incur expenses not contemplated in the amount for Reimbursables, CONSULTANT shall notify Contract Administrator in writing before incurring such expenses. Any such expenses shall be reviewed and approved by CITY prior to incurring such expenses.

7.3 METHOD OF BILLING

7.3.1 Not To Exceed Amount Compensation

CONSULTANT shall submit billings, which are identified by the specific project number on a monthly basis in a timely manner for all salary costs and Reimbursables attributable to the Project. These billings shall identify

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

7.4 METHOD OF PAYMENT

- 7.4.1 CITY shall pay CONSULTANT in accordance with the Florida Prompt Payment Act. To be deemed proper, all invoices must comply with the requirements set forth in this Agreement and must be submitted on the form and pursuant to instructions prescribed by Contract Administrator.
- 7.4.2 CITY will review CONSULTANT's invoices and, if inaccuracies or errors are discovered in said invoice, CITY will inform CONSULTANT within ten (10) working days by fax and/or by email of such inaccuracies or errors and request that revised copies of all such documents be re-submitted by CONSULTANT to CITY.
- 7.4.3 Payment are scheduled to be made by CITY to CONSULTANT using a CITY Procurement Card (P-Card).

ARTICLE 8 AMENDMENTS AND CHANGES IN SCOPE OF SERVICES

- 8.1 No modification, amendment or alteration in the terms or conditions contained herein shall be effective unless contained in a written Amendment prepared with the same formality as this Agreement and executed by the CITY and CONSULTANT.
- 8.2 CITY or CONSULTANT may request changes that would increase, decrease, or otherwise modify the Scope of Services to be provided under a Task Order. Such changes must be contained in a written amendment, executed by the parties hereto, with the same formality and of equal dignity herewith, prior to any deviation from the terms of the Task Order including the initiation of any additional services. CITY shall compensate CONSULTANT for such additional

services as provided in Article 7.

- 8.3 In the event a dispute between the Contract Administrator and CONSULTANT arises over whether requested services constitute additional services and such dispute cannot be resolved by the Contract Administrator and CONSULTANT, such dispute shall be promptly presented to the City Manager for resolution. The City Manager's decision shall be final and binding on the parties for amounts in the aggregate under \$100,000 per project. In the event of a dispute in an amount over \$100,000, the parties agree to use their best efforts to settle such dispute. To this effect, they shall consult and negotiate with each other, in good faith and, recognizing their mutual interests, attempt to reach a just and equitable solution satisfactory to both parties. If they do not reach such solution within a period of sixty (60) days, then upon notice to the other, either party may commence litigation to resolve the dispute in Broward County, Florida. Any resolution in favor of CONSULTANT shall be set forth in a written document in accordance with Section 8.2 above. During the pendency of any dispute, CONSULTANT shall promptly perform the disputed services.

ARTICLE 9 CONSULTANT'S RESPONSIBILITIES

- 9.1 The CONSULTANT, following the CITY's approval of the Construction Documents and of the Final Statement of Probable Construction Costs, shall, when so directed and authorized by the CITY, assist the CITY in obtaining bids or negotiated proposals and assist in awarding and preparing contracts for construction. If requested, the CONSULTANT shall review and analyze the proposals received by the CITY, and shall make a recommendation for any award based on CITY's Purchasing Ordinance.
- 9.2 Should the lowest responsible, responsive proposal exceed the Final Statement of Probable Construction Costs by less than 10%, CONSULTANT, at no additional cost to the CITY, shall meet with the CITY's representatives and work to reduce costs to bring the Original Contract Price within the Final Statement of Probable Construction Costs. Should the lowest responsible, responsive proposal exceed the Final Statement of Probable Construction Costs by 10% or more, CONSULTANT shall, at the CITY's direction, redesign each Project and/or work with the CITY to reduce the costs to within the Final Statement of Probable Construction Costs at no additional expense to the CITY. If negotiations between the CITY and the CONSULTANT have not commenced within three months after completion of the final design phase, or if industry-wide prices are changed because of unusual or unanticipated events affecting the general level of prices or times of delivery in the construction industry, the established Construction Cost Limit may be adjusted in accordance with the applicable change in the Construction Cost Index for Twenty Cities from the date of completion of the final design phase and the date on which proposals are sought, as published monthly in "Engineering News Record". If each Project scope and design is expanded by the CITY after the CONSULTANT renders the estimated

Construction Cost of the Plans and Specifications, the CONSULTANT shall not be responsible for any redesign without compensation.

- 9.3 The CONSULTANT shall provide the CITY with a list of recommended, prospective proposers.
- 9.4 The CONSULTANT shall attend all pre-proposal conferences.
- 9.5 The CONSULTANT shall recommend any addenda, through the Contract Administrator, as appropriate to clarify, correct, or change proposal documents.
- 9.6 If pre-qualification of proposers is required as set forth in the request for proposal, CONSULTANT shall assist the CITY, if requested, in developing qualification criteria, review qualifications and recommend acceptance or rejection of the proposers. If requested, CONSULTANT shall evaluate proposals and proposers, and make recommendations regarding any award by the CITY.
- 9.7 The CITY shall make decisions on all claims regarding interpretation of the Construction Documents, and on all other matters relating to the execution and progress of the work after receiving a recommendation from the CONSULTANT. The CONSULTANT shall check and approve samples, schedules, shop drawings and other submissions for conformance with the concept of each Project, and for compliance with the information given by the Construction Documents. The CONSULTANT may also prepare Change Orders, assemble written guarantees required of the Contractor, and approve progress payments to the Contractor based on each Project Schedule of Values and the percentage of work completed.
- 9.8 The CITY shall maintain a record of all Change Orders which shall be categorized according to the various types, causes, etc. that it may be determined are useful or necessary for its purpose. Among those shall be Change Orders identified as architectural/survey and Mapping Errors or Omissions.
 - 9.8.1 Unless otherwise agreed by both parties in writing, it is specifically agreed that any change to the work identified as an Error on the part of the CONSULTANT shall be considered for purposes of this Agreement to be an additional cost to the CITY which would not be incurred without the Error.
 - 9.8.2 Unless otherwise agreed by both parties in writing, it is further specifically agreed for purposes of this Agreement that fifteen percent (15%) of the cost of Change Orders for any item categorized as an Omission shall be considered an additional cost to the CITY which would not be incurred without the Omission. So long as the total of those two numbers (Change Order costs of Errors plus fifteen percent (15%) of Omissions) remains less than two percent (2%) of the total Construction Cost of the Project, the CITY shall not look to the CONSULTANT for reimbursement for Errors

and Omissions.

9.8.3 Should the sum of the two as defined above (cost of Errors plus fifteen percent (15%) of the cost of Omissions) exceed two percent (2%) of the Construction Cost, the CITY shall recover the full and total additional cost to the CITY as a result of CONSULTANT's Errors and Omissions from the CONSULTANT, that being defined as the cost of Errors plus fifteen percent (15%) of the cost of Omissions above two percent (2%) of the Construction Cost.

9.8.4 To obtain such recovery, the CITY shall deduct from the CONSULTANT's fee a sufficient amount to recover all such additional cost to the CITY.

9.8.5 In executing this Agreement, the CONSULTANT acknowledges acceptance of these calculations and to the CITY's right to recover same as stated above. The recovery of additional costs to the CITY under this paragraph shall not limit or preclude recovery for other separate and/or additional damages which the CITY may otherwise incur.

9.8.6 The Contract Administrator's decision as to whether a Change Order is caused by an Error or an Omission, taking into consideration industry standards, shall be final and binding on both parties for amounts in the aggregate under \$100,000 per project. In the event of a dispute in an amount over \$100,000, the parties agree to use their best efforts to settle such dispute. To this effect, they shall consult and negotiate with each other, in good faith and, recognizing their mutual interests, attempt to reach a just and equitable solution satisfactory to both parties. If they do not reach such solution within a period of sixty (60) days, then upon notice to the other, either party may commence litigation to resolve the dispute in Broward County, Florida.

ARTICLE 10 CITY'S RESPONSIBILITIES

10.1 CITY shall assist CONSULTANT by placing at CONSULTANT's disposal all information CITY has available pertinent to the Project including previous reports and any other data relative to design or construction of the Project.

10.2 CITY shall arrange for access to, and make all provisions for, CONSULTANT to enter upon public and private property as required for CONSULTANT to perform its services.

10.3 CITY shall review the itemized deliverables/documents identified per Task Order.

- 10.4 CITY shall give prompt written notice to CONSULTANT whenever CITY observes or otherwise becomes aware of any development that affects the scope or timing of CONSULTANT's services or any defect in the work of the Contractor.

ARTICLE 11
MISCELLANEOUS

11.1 OWNERSHIP OF DOCUMENTS

All documents including, but not limited to, drawings, renderings, models, and specifications prepared or furnished by CONSULTANT, its dependent professional associates and consultants, pursuant to this Agreement shall be owned by the CITY.

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

11.2 TERMINATION

11.2.1 Termination for Cause. It is expressly understood and agreed that the CITY may terminate this Agreement at any time for cause in the event that the CONSULTANT (1) violates any provisions of this Agreement or performs same in bad faith or (2) unreasonably delays the performance of the services or does not perform the services in a timely and satisfactory manner upon written notice to the CONSULTANT. Notice of termination shall be provided in accordance with Section 11.27. In the case of termination by the CITY for cause, the CONSULTANT shall be first granted a 10 working day cure period after receipt of written notice from the CITY. In the event that the Agreement is terminated, the CONSULTANT shall be entitled to be compensated for the services rendered from the date of execution of the Agreement up to the time of termination. Such compensation shall be based on the fee as set forth above, wherever possible. For those portions of services rendered to which the applicable fee cannot be applied, payment shall be based upon

the appropriate rates for the actual time spent on the project. In the event that the CONSULTANT abandons this Agreement or through violation of any of the terms and conditions of this Agreement, causes it to be terminated, CONSULTANT shall indemnify the CITY against any loss pertaining to this termination.

All finished or unfinished documents, data, studies, surveys, drawings, maps, models, photographs and reports prepared by CONSULTANT shall become the property of CITY and shall be delivered by CONSULTANT to the CITY within five (5) days of CITY's request. Upon payment of such sum by CITY to CONSULTANT, CITY shall have no further duties or obligations pursuant to or arising from this Agreement.

11.2.2 This Agreement may also be terminated by CITY upon such notice as CITY deems appropriate in the event CITY or Contract Administrator determines that termination is necessary to protect the public health, safety, or welfare.

11.2.3 Notice of termination shall be provided in accordance with Section 11.27, NOTICES, except that Contract Administrator may provide a prior verbal stop work order if the Contract Administrator deems a stop work order of this Agreement in whole or in part is necessary to protect the public's health, safety, or welfare. A verbal stop work order shall be promptly confirmed in writing as set forth in Section 11.27, NOTICES.

11.2.4 Termination for Convenience. In the event this Agreement is terminated for convenience, CONSULTANT shall be paid for any services performed to the date the Agreement is terminated. Compensation shall be withheld until all documents specified in Section 11.3 of this Agreement are provided to the CITY. Upon being notified of CITY's election to terminate, CONSULTANT shall refrain from performing further services or incurring additional expenses under the terms of this Agreement. Under no circumstances shall CITY make payment for services which have not been performed.

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

11.3 AUDIT RIGHT AND RETENTION OF RECORDS

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

CONSULTANT shall preserve and make available, at reasonable times for examination and audit by CITY all financial records, supporting documents, statistical records, and any other documents pertinent to this Agreement for the required retention period of the Florida Public Records Act (Chapter 119, Florida Statutes), if applicable, or, if the Florida Public Records Act is not applicable, for a minimum of three (3) years after termination of this Agreement. If any audit has been initiated and audit findings have not been resolved at the end of the retention period or three (3) years, whichever is longer, the books, records, and accounts shall be retained until resolution of the audit findings. If the Florida Public Records Act is determined by CITY to be applicable to CONSULTANT's records, CONSULTANT shall comply with all requirements thereof; however, no confidentiality or non-disclosure requirement of either federal or state law shall be violated by CONSULTANT. Any incomplete or incorrect entry in such books, records, and accounts shall be a basis for CITY's disallowance and recovery of any payment upon such entry.

CONSULTANT shall:

(a) Keep and maintain public records that ordinarily and necessarily would be required by the CITY in order to perform the service.

(b) Provide the public with access to public records on the same terms and conditions that the CITY would provide the records and at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes (2014), as may be amended or revised, or as otherwise provided by law.

(c) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law.

(d) Meet all requirements for retaining public records and transfer, at no cost, to the CITY, all public records in possession of the CONSULTANT upon termination of this contract and destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. All records stored electronically must be provided to the CITY in a format that is compatible with the information technology systems of the CITY.

11.4 NON DISCRIMINATION, EQUAL EMPLOYMENT OPPORTUNITY, AND AMERICANS WITH DISABILITIES ACT

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

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

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

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

11.5 MINORITY PARTICIPATION

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

11.6 PUBLIC ENTITY CRIMES ACT

CONSULTANT represents that the execution of this Agreement will not violate the Public Entity Crimes Act (Section 287.133, Florida Statutes), which essentially provides that a person or affiliate 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 the threshold amount provided in s. 287.017 for CATEGORY TWO for a period of 36 months following the date of being placed on the convicted vendor list. Violation of this section shall result in termination of this Agreement and recovery of all monies paid hereto, and may result in debarment from CITY's competitive procurement activities.

In addition to the foregoing, CONSULTANT further represents that there has been no determination, based on an audit, that it committed an act defined by Section 287.133, Florida Statutes, as a "public entity crime" and that it has not been formally charged with committing an act defined as a "public entity crime" regardless of the amount of money involved or whether CONSULTANT has been placed on the convicted vendor list.

11.7 SUBCONSULTANTS

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

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

The list of subconsultants submitted is as follows:
No Subconsultants indicated

11.8 ASSIGNMENT AND PERFORMANCE

Neither this Agreement nor any interest herein shall be assigned, transferred, or encumbered without the written consent of the other party, and CONSULTANT shall not subcontract any portion of the work required by this Agreement except as authorized pursuant to Section 11.7.

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

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

shall meet or exceed all professional standards of the State of Florida.

11.9 INDEMNIFICATION OF CITY

11.9.1 CONSULTANT shall defend, counsel being subject to CITY's approval, and indemnify and hold harmless CITY, and CITY's officers and employees from any and all claims, liabilities, damages, losses, penalties, fines, judgments, and costs, including, but not limited to, any award of attorneys' fees and any award of litigation costs, in connection with or arising directly or indirectly out of any negligent act or omission by the CONSULTANT or by any officer, employee, agent, invitee, subcontractor, or subconsultant of the CONSULTANT. The provisions of this Section shall survive the expiration or early termination of this Agreement. To the extent considered necessary by Contract Administrator and City Attorney, any sums due the CONSULTANT under this Agreement may be retained by CITY until all of CITY's claims for indemnification pursuant to this Agreement have been settled or otherwise resolved, and any amount withheld shall not be subject to payment of interest by CITY.

11.9.2 It is specifically understood and agreed that the consideration inuring to the CONSULTANT for the execution of this Agreement are the promises, payments, covenants, rights and responsibilities contained herein and the award of this Agreement to the CONSULTANT.

11.9.3 The execution of this Agreement by the CONSULTANT shall obligate the CONSULTANT to comply with the foregoing indemnification provision.

11.10 LIMITATION OF CITY'S LIABILITY

The CITY desires to enter into this Agreement only if in so doing the CITY can place a limit on the CITY'S liability for any cause of action arising out of this Agreement, so that the CITY'S liability for any breach never exceeds the sum of \$100.00. For other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the CONSULTANT expresses its willingness to enter into this Agreement with the knowledge that the CONSULTANT'S recovery from the CITY to any action or claim arising from the Agreement is limited to a maximum amount of \$100.00 less the amount of all funds actually paid by the CITY to the CONSULTANT pursuant to this Agreement. Accordingly, and notwithstanding any other term or condition of this Agreement that may suggest otherwise, the CONSULTANT agrees that the CITY shall not be liable to the CONSULTANT for damages in an amount in excess of \$100.00, which amount shall be reduced by the amount actually paid by the CITY to the CONSULTANT pursuant to this Agreement, for any action or claim arising out of this Agreement. Nothing contained in this paragraph or elsewhere in this Agreement is in any manner intended either to be a waiver of the limitation placed upon the CITY'S liability as set forth in Section 768.28, Florida Statutes, or to extend the CITY'S liability beyond the limits established in said Section 768.28; and no claim or award against the CITY shall include attorney's fees,

investigative costs, extended damages, expert fees, suit costs or pre-judgment interest. Notwithstanding the foregoing, the parties agree and understand that the provisions of this Article 11.10 do not apply to monies owed, if any, for services rendered to CONSULTANT by the CITY under the provisions of this Agreement.

11.11 INSURANCE

11.11.1 CONSULTANT shall provide and shall require all of its sub-consultants and sub-contractors to provide, pay for, and maintain in force at all times during the term of the Agreement, such insurance, including Commercial General Liability Insurance, Business Automobile Liability Insurance, Workers' Compensation Insurance, Employer's Liability Insurance, and Professional Liability Insurance, as stated below. Such policy or policies shall be issued by companies authorized to transact business and issue insurance policies in the State of Florida and having agents upon whom service of process may be made in the State of Florida.

- A. The Commercial General Liability insurance policy shall name the City of Fort Lauderdale, a Florida municipality, as additional insured. BINDERS ARE UNACCEPTABLE. The insurance coverage required shall include those classifications, as listed in standard liability insurance manuals, which most nearly reflect the operations of the CONSULTANT. Any exclusions or provisions in the insurance maintained by the CONSULTANT that precludes coverage for the work contemplated in this Agreement shall be deemed unacceptable, and shall be considered a breach of contract.
- B. The CONSULTANT shall provide the CITY an original Certificate of Insurance for policies required by Article 11. All certificates shall state that the CITY shall be given thirty (30) days notice prior to expiration or cancellation of the policy. The insurance provided shall be endorsed or amended to comply with this notice requirement. In the event that the insurer is unable to accommodate, it shall be the responsibility of the CONSULTANT to provide the proper notice. Such notification will be in writing by registered mail, return receipt requested and addressed to the Finance Department. Such policies shall: (1) name the insurance company or companies affording coverage acceptable to the CITY, (2) state the effective and expiration dates of the policies, (3) include special endorsements where necessary. Such policies provided under Article 11 shall not be affected by any other policy of insurance, which the CITY may carry in its own name.
- C. CONSULTANT shall as a condition precedent of this Agreement, furnish to the City of Fort Lauderdale, c/o Project Manager, 100 N. Andrews Avenue, Fort Lauderdale, FL 33301, Certificate(s) of Insurance upon execution of this Agreement, which indicate that insurance coverage has been obtained which meets the requirements as outlined below:

11.11.2 COMMERCIAL GENERAL LIABILITY

- A. Limits of Liability:
- | | |
|---|-------------|
| Bodily Injury and Property Damage - Combined Single Limit | |
| Each Occurrence | \$1,000,000 |
| Project Aggregate | \$1,000,000 |
| General Aggregate | \$2,000,000 |
| Personal Injury | \$1,000,000 |
| Products/Completed Operations | \$1,000,000 |
- B. Endorsements Required:
- City of Fort Lauderdale included as an Additional Insured
 - Broad Form Contractual Liability
 - Waiver of Subrogation
 - Premises/Operations
 - Products/Completed Operations
 - Independent Contractors
 - Owners and Contractors Protective Liability

11.11.3 BUSINESS AUTOMOBILE LIABILITY

- A. Limits of Liability:
- | | |
|---|-------------|
| Bodily Injury and Property Damage - Combined Single Limit | |
| All Autos used in completing the contract | |
| Including Hired, Borrowed or Non-Owned Autos | |
| Any One Accident | \$1,000,000 |
- B. Endorsements Required:
- Waiver of Subrogation

11.11.4 WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY

Limits: Workers' Compensation – Per Florida Statute 440
Employers' Liability - \$500,000

Any firm performing work on behalf of the City of Fort Lauderdale must provide Workers' Compensation insurance. Exceptions and exemptions can only be made if they are in accordance with Florida Statute. For additional information contact the Department of Financial Services, Workers' Compensation Division at (850) 413-1601 or on the web at www.fldfs.com.

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

11.11.5 PROFESSIONAL LIABILITY/ERRORS AND OMISSIONS COVERAGE

Each Claim	\$1,000,000
General Aggregate Limit	\$2,000,000
Deductible- not to exceed \$100,000	

11.11.6 All insurance policies required above shall be issued by companies authorized to transact business and issue insurance policies under the laws of the State of Florida, with the following qualifications:

The Consultant's insurance must be provided by an A.M. Best's "A-" rated or better insurance company authorized to issue insurance policies in the State of Florida, subject to approval by the City's Risk Manager. Any exclusions or provisions in the insurance maintained by the Consultant that precludes coverage for work contemplated in this project shall be deemed unacceptable, and shall be considered breach of contract.

Compliance with the foregoing requirements shall not relieve the CONSULTANT of their liability and obligation under this section or under any other section of this Agreement.

The CONSULTANT shall be responsible for assuring that the insurance certificates required in conjunction with this Section remain in force for the duration of the Project. If insurance certificates are scheduled to expire during the contractual period, the CONSULTANT shall be responsible for submitting new or renewed insurance certificates to the CITY at a minimum of thirty (30) calendar days in advance of such expiration. In the event that expired certificates are not replaced with new or renewed certificates that cover the contractual period, the CITY shall suspend the Agreement until such time as the new or renewed certificates are received by the CITY or terminate in accordance with Section 11.2.

11.12 REPRESENTATIVE OF CITY AND CONSULTANT

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

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

11.13 ALL PRIOR AGREEMENTS SUPERSEDED

This document incorporates and includes all prior negotiations, correspondence,

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

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

11.14 CONSULTANT'S STAFF

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

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

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

11.15 INDEPENDENT CONTRACTOR

CONSULTANT is an independent contractor under this Agreement. Services provided by CONSULTANT shall be subject to the supervision of CONSULTANT. In providing the services, CONSULTANT or its agents shall not be acting and shall not be deemed as acting as officers, employees, or agents of the CITY. Personnel policies, tax responsibilities, social security and health insurance, employee benefits, purchasing policies and other similar administrative procedures applicable to services rendered under this Agreement shall be those of CONSULTANT. The parties expressly acknowledge that it is not their intent to create any rights or obligations in any third person or entity under this Agreement.

11.16 THIRD PARTY BENEFICIARIES

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

11.17 CONFLICTS

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

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

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

11.18 CONTINGENCY FEE

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

11.19 WAIVER OF BREACH AND MATERIALITY

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

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

11.20 COMPLIANCE WITH LAWS

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

11.21 SEVERANCE

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

11.22 JOINT PREPARATION

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

11.23 PRIORITY OF PROVISIONS

If there is a conflict or inconsistency between any term, statement, requirement, or provision of any exhibit attached hereto, any document or events referred to herein, or any document incorporated into this Agreement by reference and a term, statement, requirement, or provision of this Agreement, the term, statement, requirement, or provision contained in Articles 1-11 of this Agreement shall prevail and be given effect.

11.24 APPLICABLE LAW AND VENUE

This Agreement shall be construed in accordance with and governed by the laws of the State of Florida. Venue for any lawsuit by either party against the other party or otherwise arising out of this Agreement and for any other legal proceeding shall be in Broward County, Florida, or in the event of federal jurisdiction, in the Southern District of Florida. BY ENTERING INTO THIS AGREEMENT, CONSULTANT AND CITY EXPRESSLY WAIVE ANY RIGHTS EITHER PARTY MAY HAVE TO A TRIAL BY JURY OR ANY CIVIL LITIGATION RELATED TO, OR ARISING OUT OF, THIS AGREEMENT.

11.25 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.

11.26 THREE ORIGINAL AGREEMENTS

This Agreement shall be executed in three (3), signed Agreements, with each one treated as an original.

11.27 NOTICES

Whenever either party desires to give notice unto the other, it must be given by

written notice, sent by certified United States mail, with return receipt requested, addressed to the party for whom it is intended, at the place last specified, and the place for giving of notice in compliance with the provisions of this paragraph. For the present, the parties designate the following as the respective places for giving of notice, to-wit:

CITY: City Engineer
City of Fort Lauderdale
100 North Andrews Avenue
Fort Lauderdale, FL 33301
Telephone: (954) 828-5772

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

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

CONSULTANT: Craven, Thompson & Associates, Inc.
3564 NW 53rd Street
Fort Lauderdale, Florida 33309
Telephone: (954) 739-6400

11.28 ATTORNEY FEES

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

11.29 PERMITS, LICENSES AND TAXES

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

11.30 TRUTH-IN-NEGOTIATION CERTIFICATE

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

11.31 EVALUATION

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

11.32 SCRUTINIZED COMPANIES

Subject to *Odebrecht Construction, Inc., v. Prasad*, 876 F.Supp.2d 1305 (S.D. Fla. 2012), *affirmed*, *Odebrecht Construction, Inc., v. Secretary, Florida Department of Transportation*, 715 F.3d 1268 (11th Cir. 2013), this Section applies to any contract for goods or services of \$1 million or more:

The CONSULTANT certifies that it is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List and that it does not have business operations in Cuba or Syria as provided in Section 287.135, Florida Statutes (2014), as may be amended or revised. The CITY may terminate this Contract at the CITY's option if the CONSULTANT is found to have submitted a false certification as provided under subsection (5) of Section 287.135, Florida Statutes (2014), as may be amended or revised, or been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List or has been engaged in business operations in Cuba or Syria, as defined in Section 287.135, Florida Statutes (2014), as may be amended or revised.

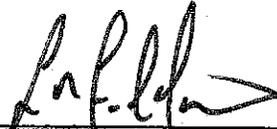
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[SIGNATURE PAGES FOLLOW]**

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

CITY

CITY OF FORT LAUDERDALE, a
municipal corporation of the State of
Florida

By 

LEE R. FELDMAN, City Manager

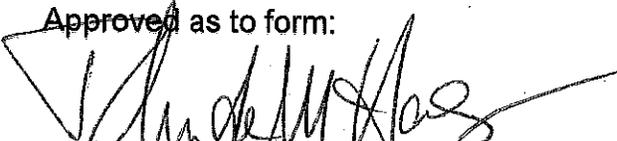
(CORPORATE SEAL)



ATTEST:



JONDA K. JOSEPH
City Clerk

Approved as to form:


Rhonda Montoya Hasan
Assistant City Attorney

CONSULTANT

WITNESSES:

Craven, Thompson & Associates, Inc.

Lamy Taylor

Tammy Taylor
(Witness print name)

Jennifer Macdonald

Jennifer Macdonald
(Witness print name)

By Richard D. Pryce

Name: Richard D. Pryce
Title: Vice President, Surveying & GIS

ATTEST:

By David L. Williamson

(CORPORATE SEAL)

STATE OF FLORIDA :
COUNTY OF BROWARD :

The foregoing instrument was acknowledged before me this 2nd day of September, 2014, by RICHARD D. PRYCE and DAVID L. WILLIAMSON as V.P., Surveying & GIS and Chief Financial Officer respectively, of CRAVEN THOMPSON & ASSOCIATES. They are personally known to me or have produced _____ as identification.

(SEAL)



Patricia D. Joyce
Notary Public, State of _____
(Signature of Notary taking Acknowledgment)

PATRICIA D. JOYCE
Name of Notary Typed, Printed or Stamped

My Commission Expires: 3/23/2014

FF073030
Commission Number

EXHIBIT "A"

SCOPE OF SERVICES

The CONSULTANT shall perform the following professional services related to a contract for Survey and Mapping Consulting Services and shall include, but not be limited to, the following services as authorized by individual Task Orders for individual projects.

SURVEY AND MAPPING CONSULTING SERVICES

Provide Surveying and Mapping Consulting engineering services for various City projects. The City of Fort Lauderdale designs, executes, maintains, and operates a variety of Community Investment Projects (CIP) and infrastructures throughout the City. The projects include but are not limited to, park and recreation facilities, storage buildings, parking garages, maintenance buildings, utility pipelines, underground utilities, water and wastewater treatment plants, marine facilities, seawalls, docks, fire stations, auditoriums, community centers, bridges and roadways, drainage structures and culverts, wind turbines, shade structures and office buildings.

The firm must have a minimum of five years' experience in providing full Surveying and Mapping Consulting engineering services including but not limited to construction layout, boundary surveys, preparation of sketches and legal descriptions, mapping, AutoCAD drafting, calculations and other survey and mapping related services. Consulting services will be requested on an "as needed –when needed" basis.

The initial term of the continuing contract will be for two (2) years. The City reserves the right to renew the contract for two (2) subsequent one-year terms based on satisfactory performance and mutual agreement.

Firm shall carry out the responsibilities delineated in each project's scope of services and shall provide such services as needed to successfully complete the project within the time and budget constraints set forth and agreed upon in the various task orders. The firm may propose to utilize sub-consultants for technical assistance necessary to develop work if needed.

The firm must be properly registered and in compliance with the Secretary of State in Florida in addition to being licensed and registered with the Department of Business and Professional Regulation to practice their profession in the State of Florida.

The firm must have a minimum of five years' experience in providing full Surveying and Mapping Consulting engineering services including but not limited to:

- Be able to provide a minimum of three (3) survey crews to work exclusively on City of Fort Lauderdale projects at the same time. Actual projects may vary.

- Be able to assign at least one Professional Surveyor and Mapper to supervise each group of no greater than five (5) field crews.
- Perform all topographic survey work using total stations capable of measuring angles to within 5 seconds of arc and collecting data electronically in a format compatible with EaglePoint surveying software. Note that copies of the data collection files, field notes and other pertinent survey files may be requested by the City of Fort Lauderdale for any and all projects.
- Own or acquire EaglePoint surveying software and be able to use it with the projects assigned under the terms of this proposal and produce all electronic survey files utilizing the City of Fort Lauderdale's field codes and block definitions. The current field code libraries and block definitions will be provided with each assignment. Alternative software solutions may also be considered if the resulting output is identical to that provided by using EaglePoint.
- Be able to provide crews competent in topographic surveys, construction layout and as-built surveys. On occasion, limited hydrographic work may be required. The consultant shall be responsible for providing the necessary personnel, equipment and expertise to perform this task. Hydrographic survey personnel need not be full-time employees of the consultant but their utilization must be approved by the City, prior to any work being initiated on these projects.
- Produce all work in AutoCAD 2006 or a more recent version, compliant with the City of Fort Lauderdale's CAD standards in force at the time of issuance of the task order.
- Have sufficient support staff, technicians, clerks, word processors etc, to effectively process and deliver the work product.
- Be accountable for all quality control associated with work done for the City of Fort Lauderdale under the terms of this Agreement.
- Keep all required insurance coverage current and sufficient to cover the projected liability of all projects assigned to the consultant. The potential liability exposure will be determined for each project at the time of its assignment.
- Be able to meet the agreed deadlines for the projects assigned in any one calendar year. Any changes to the scope of work after a project is assigned will provide an opportunity to revisit the delivery schedule and allow for revisions as needed.

- Have access to and the expertise to operate GPS equipment to provide geographical or State Plane coordinate locations of control points or features as required.
- Have sufficient supervisory and project management personnel to be able to attend reasonably scheduled meetings for project management, construction coordination and other project related issues, during normal working hours.
- Be able to provide personnel as needed to work nights, weekends and public holidays if necessary.
- Have an available email address to maintain communication with the City.
- Have field crews with at least two individuals trained in first aid and at least one individual trained in working in confined spaces, trench safety and general jobsite safety. Crewmembers may be required to enter non-active sanitary manholes and work in open trenches.

EXHIBIT "B"

HOURLY BILLING RATES FOR TASK ORDERS

Senior Professional Surveyor	\$140 / Hr.
Professional Surveyor	\$105 / Hr.
Field Crew Supervisor	\$95 / Hr.
4-Person Field Crew	\$155 / Hr.
3-Person Field Crew	\$140 / Hr.
2-Person Field Crew	\$105 / Hr.
Senior Technician	\$ 85 / Hr.
Technician	\$ 75 / Hr.
Clerical Services	\$ 55 / Hr.
Survey Crew with Laser Scan (3 man crew)	\$250 / Hr.
Laser Scan Data Processor	\$110 / Hr.
Expert Witness Testimony	\$250 / Hr.
Court Appearances	\$250 / Hr.

RFQ # 246 - 11375

A CONTINUING CONTRACT

FOR

SURVEY AND MAPPING CONSULTING SERVICES

FEBRUARY 25, 2014

PDF FORMAT



**CRAVEN THOMPSON
& ASSOCIATES, INC.**

Surveying & GIS
Engineering
Landscape Architecture
Planning
Project Management

3563 NW 53rd Street, Ft. Lauderdale, FL 33309.
(954) 739-6400

SECTION 1



Section 1 - Table of Contents

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SECTION 2



Section 2 - Proposal Letter

February 24, 2014

Mr. James T. Hemphill - Sr. Procurement Specialist
City of Fort Lauderdale City Hall
Division of Procurement Services Division
100 N. Andrews Avenue, Room 619
Fort Lauderdale, Florida 33301

**RE: REQUEST FOR QUALIFICATIONS # 236-11375
A CONTINUING CONTRACT FOR SURVEY AND MAPPING CONSULTANT SERVICES**

Dear Mr. Hemphill and Selection Committee Members:

In response to the City Fort Lauderdale's Request for Qualifications seeking a firm to provide Survey and Mapping Consulting Services for the City, Craven Thompson and Associates, Inc. (CTA) is pleased to submit this Statement of Qualifications for your consideration. Our experience with numerous municipalities substantiates that the CTA team is the best choice for the assignment.

The CTA team routinely applies management and scheduling techniques which result in on-time and within budget projects. Richard Pryce, P.S.M. will serve as Project Manager and the primary point of contact. CTA has very extensive experience in the surveying and mapping fields and with six (6) Professional Surveyors and Mappers on staff, we can cover all of the Surveying or GIS Mapping projects the City requires with a well-qualified individual that will provide them with personal experience and attention to details.

We have the available Survey staff and field crews and fully intend to commit the hours necessary to perform the work on time, and to meet the goals and objectives as stated in the Request for Qualifications.

CTA is a Fort Lauderdale based fifty-six (56) person corporation that has been in business for fifty three (53) years. Based on the scope of services set forth in the Request for Qualifications, CTA has assembled a team of experienced professionals well-suited to provide the City with the best possible service. Through that experience, CTA has developed the knowledge and expertise necessary to perform boundary surveys, topographic surveys, write legal descriptions, and provide GIS mapping and CAD services necessary to make the City's projects successful.

We sincerely appreciate the opportunity of providing this response to the City of Fort Lauderdale and would welcome the chance to further demonstrate our capabilities to you and your staff.

Sincerely,

Craven Thompson & Associates, Inc.

RICHARD PRYCE, P.S.M.
Vice President, Surveying and G.I.S.

RDP/tg



Craven Thompson & Associates, Inc.
SURVEYING | ENGINEERING | PROJECT MANAGEMENT | LANDSCAPE ARCHITECTURE | PLANNING

BID/PROPOSAL SIGNATURE PAGE

How to submit bids/proposals: Proposals must be submitted by hard copy only. It will be the sole responsibility of the Bidder to ensure that the bid reaches the City of Fort Lauderdale, City Hall, Procurement Services Division, Suite 619, 100 N. Andrews Avenue, Fort Lauderdale, FL 33301, prior to the bid opening date and time listed. Bids/proposals submitted by fax or email will NOT be accepted.

The below signed hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal I will accept a contract if approved by the CITY and such acceptance covers all terms, conditions, and specifications of this bid/proposal.

Please Note: All fields below **must** be completed. If the field does not apply to you, please note N/A in that field.

Submitted by: Richard D. Pryce (signature) February 25, 2014 (date)

Name (printed) Richard D. Pryce, P.S.M. Title: Vice President, Surveying & GIS

Company: (Legal Registration) Craven, Thompson & Associates, Inc.

CONTRACTOR, IF FOREIGN CORPORATION, MAY BE REQUIRED TO OBTAIN A CERTIFICATE OF AUTHORITY FROM THE DEPARTMENT OF STATE, IN ACCORDANCE WITH FLORIDA STATUTE §607.1501 (visit <http://www.dos.state.fl.us/>).

Address: 3563 NW 53rd Street

City Fort Lauderdale State: Florida Zip 33309

Telephone No. (954) 739-6400 FAX No. (954) 739-6409 Email: rpryce@craventhompson.com

Delivery: Calendar days after receipt of Purchase Order (section 1.02 of General Conditions): Varies

Payment Terms (section 1.04): Due upon Receipt Total Bid Discount (section 1.05): None

Does your firm qualify for MBE or WBE status (section 1.09): MBE No WBE No

ADDENDUM ACKNOWLEDGEMENT - Proposer acknowledges that the following addenda have been received and are included in the proposal:

<u>Addendum No.</u>	<u>Date Issued</u>
<u>None</u>	

VARIANCES: State any variations to specifications, terms and conditions in the space provided below or reference in the space provided below all variances contained on other pages of bid, attachments or bid pages. No variations or exceptions by the Proposer will be deemed to be part of the bid submitted unless such variation or exception is listed and contained within the bid documents and referenced in the space provided below. If no statement is contained in the below space, it is hereby implied that your bid/proposal complies with the full scope of this solicitation. **HAVE YOU STATED ANY VARIANCES OR EXCEPTIONS BELOW? BIDDER MUST CLICK THE EXCEPTION LINK IF ANY VARIATION OR EXCEPTION IS TAKEN TO THE SPECIFICATIONS, TERMS AND CONDITIONS.** If this section does not apply to your bid, simply mark N/A in the section below.

Variations: None

revised 11-29-11

SECTION 3



Section 3 - Qualifications of the Firm

STATEMENT OF QUALIFICATIONS

Craven Thompson & Associates, Inc. (CTA) was founded in 1961 as an engineering and surveying firm dedicated primarily to serving the needs of public sector clients in the rapid growth area of South Florida. Over the past fifty-three years, CTA has grown into a multi-disciplinary firm comprised of specialized teams each fully staffed with top caliber professional and support personnel, serving clients in both the public and private sectors. CTA is proud of the accomplishments of its staff and the firm's ability to meet difficult challenges.

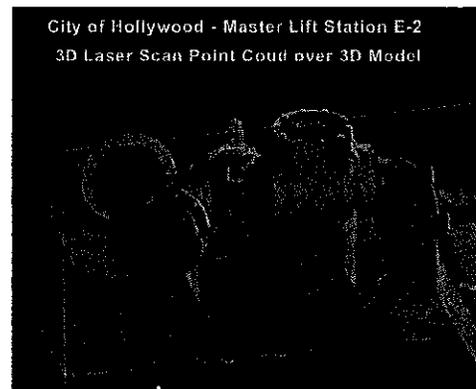
The firm is currently engaged in large to moderate sized municipal projects including utilities, parks, facilities, roadways, marinas, and more. As regulatory activity on environmental issues has increased over the years, so has the extent of our experience in addressing permit, mitigation and planning requirements. Our surveying capabilities cover the full spectrum of plat preparation, geometric computations, title work and exhibit preparation, together with boundary, topographic, 3D laser scanning, and bathymetric surveys as well as construction stakeout.

The firm is dedicated to providing quality and timely professional services. We implement that dedication by selecting qualified personnel and by supplying the best available equipment to accomplish the tasks. We have a fully implemented Computer Aided Drafting (C.A.D.) system for drawing production, and a complete array of surveying and engineering software to expedite computations and estimating. We also worked with the City under the previous Survey Contract and know the CAD standards and the quality the City expects.

SIZE OF FIRM

CTA's staff consists of fifty six employees, which includes:

- ◆ 1 Principal
- ◆ 17 Surveyors (6 are registered)
- ◆ 16 Civil Engineers (11 are registered)
- ◆ 3 Registered Landscape Architects
- ◆ 1 Land Planner
- ◆ 5 AutoCAD Technicians
- ◆ 5 Field Inspectors
- ◆ 8 Clerical



ADVANCED SURVEYING CAPABILITIES

Providing surveying services has been, and continues to be, a large portion of CTA's business. Through selection and training of personnel and a program to obtain the best



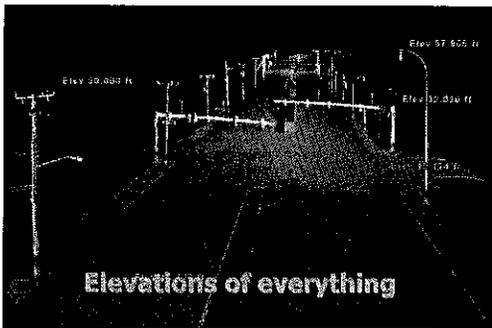


Section 3 - Qualifications of the Firm

equipment available, we have developed a skilled and technically equipped Surveying Department, capable of conducting almost any type of survey.

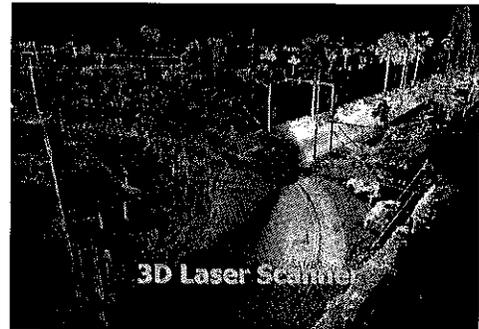
CTA's equipment for this project includes the Hydrolite-TM for its portability and Hydrographic survey solutions. We find that the use of this product provides us with flexibility for getting into areas that require smaller more versatile boats and still provides the accuracy from our Trimble Survey grade receivers.

We are qualified and certified by the State of Florida, Department of Natural Resources, for both horizontal and vertical control for Second Order, accuracy.



In addition to conventional boundary topographic and construction surveys, we have the experience to provide the latest in **3D Laser Scanning - High Definition Surveying**, Geodetic Control, PLSS Retracement, Hydrographic, Cadastral, Photogrammetric Control, Right-of-Way and Construction Surveys. We also have personnel and equipment to determine tidal datum's and water boundary lines and can provide expert witness testimony.

Through the utilization of our Global Positioning System, 3D Laser Scanner and total stations with state of the art data collectors, our survey data can be imported into a CADD environment which can be plotted or transferred to our clients via e-mail or on CD/DVD. CTA continues to refine and adapt CADD and GIS to a broad spectrum of uses. This blend of high technology with personalized service forms the core of every CTA project.



CTA provides leadership in the surveying industry by providing educational opportunities to its employees and supporting the Florida Society of Professional Land Surveyors State and Local Chapters. We have had five Chapter Presidents, three State Presidents and three Directors. Our personnel have served on numerous committees and have provided Chairmen to twelve major State Committees.

CTA is dedicated to providing quality surveys and is meeting the challenge of today's changing times by innovative techniques that not only reduce the cost of field and office work, but increase the accuracy over the methods previously accepted in the industry.





Section 3 - Qualifications of the Firm

SURVEYING DEPARTMENT RESOURCES AND EQUIPMENT:

CTA has all the required resources and equipment needed to perform the surveying services as outlined in this RFQ.

A complete list of CTA equipment and software are as follows:

▪ **CTA Vehicles**

- Six (6) Ford F-150 Pick-ups fully equipped for Surveying Crews
- Two (2) - 16-foot John Boat w/motor

▪ **CTA Field Data Collection GPS**

- Two (2) HydroLite-TM Hydrographic Survey System with Ohmex SonarMite echo sounder
- Three (3) Trimble R8 GNSS GPS Systems with Verizon CDMA Wireless Modems
- Trimble R9 GPS Base Station (part of Trimble VRS Statewide Network)
- Trimble Trimmark III radio transmitter
- Three (3) Trimble TSC2 data collectors

▪ **Field Data Collection**

- Seven (7) Radios
- Six (6) Husky Data collectors with TDS Software
- Two (2) TDS Recon with TDS Software
- Seven (7) Leica Total Stations
- Seven (7) Leica Levels



▪ **3D Laser Scanning**

- Leica C10 - 3D Laser High Definition Survey System
- Cyclone 8.1 Scanning software
- CloudWorx Pro for AutoCAD

▪ **Software Support**

- Autodesk:** Land Development 2009 and Civil 3D 2012-2014,
- Leica:** Cyclone 3D Scan & Modeling, CloudWorx Pro Version 7 for AutoCAD
- ESRI GIS:** ArcGIS 10.2 ArcEditor

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)

A Continuing Contract For Survey and Mapping Consulting Services, Fort Lauderdale, Florida

2. PUBLIC NOTICE DATE

February 5, 2014

3. SOLICITATION OR PROJECT NUMBER

RLQ # 246-11375

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Richard D. Pryce, P.S.M., Vice President Surveying and G.I.S.

5. NAME OF FIRM

Craven Thompson & Associates, Inc.

6. TELEPHONE NUMBER

(954) 739-6400

7. FAX NUMBER

(954) 739-6409

8. E-MAIL ADDRESS

rpryce@craventhompson.com

C. PROPOSED TEAM

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

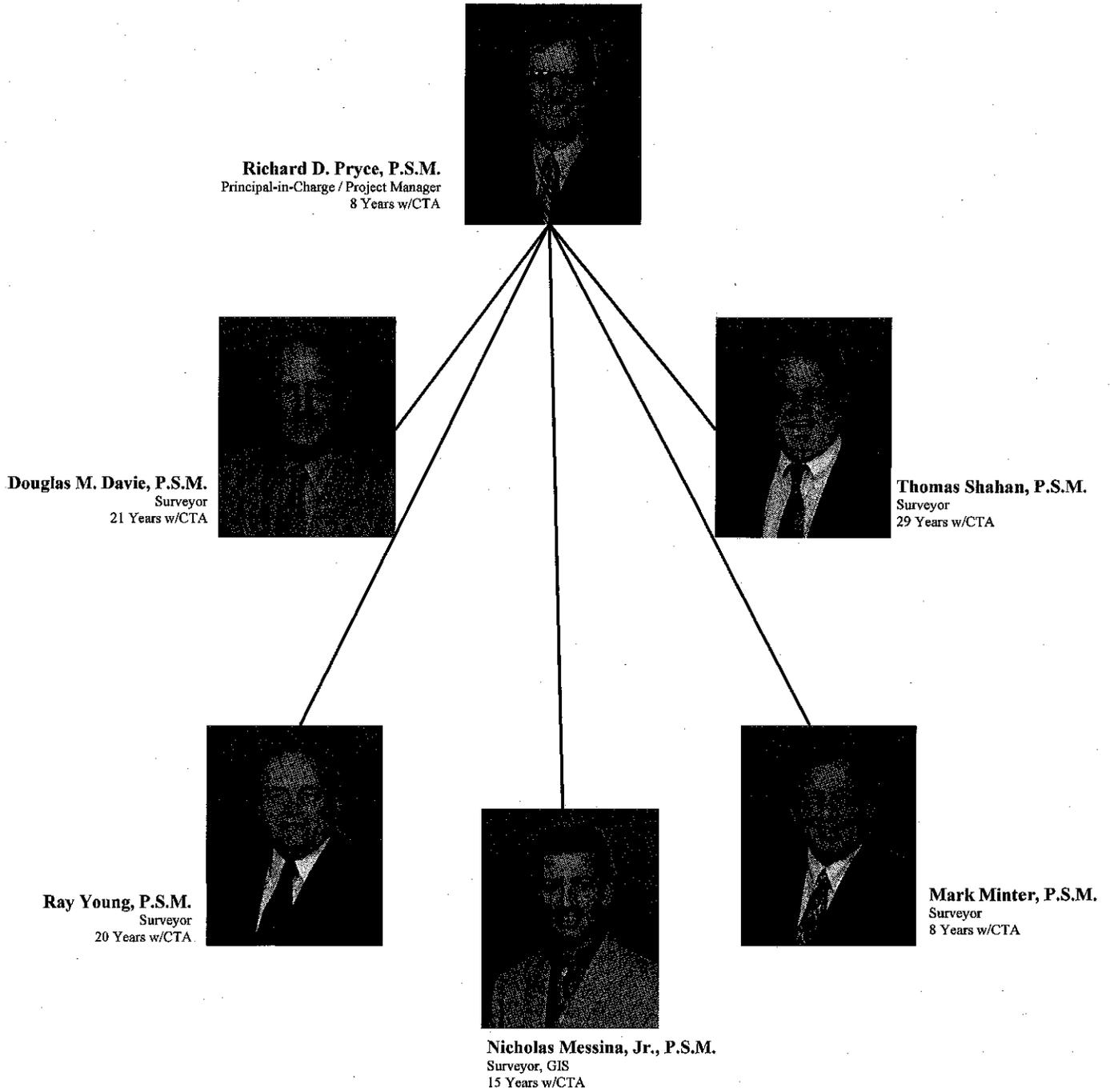
#	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCONTRACTOR			
a.	X			Craven Thompson & Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	3563 NW 53 rd Street Fort Lauderdale, Florida 33309	Survey and Mapping Services
b.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
c.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
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

(Attached)



D. ORGANIZATIONAL CHART OF PROPOSED TEAM



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

12. NAME Richard Pryce, P.S.M.	13. ROLE IN THIS CONTRACT Principal-in-Charge / Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 42	b. WITH CURRENT FIRM 7
15. FIRM NAME AND LOCATION <i>(City and State)</i> Craven Thompson & Associates, Inc., 3563 N.W. 53 rd Street, Fort Lauderdale, Florida 33309			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Associates of Science in Criminal Justice, BCC (1978) Certificate in advanced GIS & Remote Sensing, BCC (2002) Advanced ESRI ARCINFO & ARCIMS Training (ESRI, Charlotte, NC) 2004		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Professional Surveyor and Mapper Florida No. 4038 (1983)	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> - Current Director, Broward County Chapter of Florida Surveying Mapping Society - Chairman FSMS GIS Committee - State & County Chapters, Florida surveying & Mapping Society - National Society of Professional Surveyors - Geographic Land Information Society - Chairman FSMS Anti-theft Committee - American Congress on Surveying Mapping			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a. (1) TITLE AND LOCATION <i>(City and State)</i> Transfer of Drainage Reservations from Southwest Ranches to the CBWCD, Southwest Ranches, Florida	2008-Ongoing	Not Applicable
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm As District Engineer for the Central Broward Water Control District (CBWCD), Craven Thompson & Associates, Inc. (CTA) is assisting the District in transferring a series of drainage reservations within the Sunshine Ranches section of the Town of Southwest Ranches to CBWCD. Currently, there is a substantial number of underlying drainage reservations that the District would like transferred to their name. Those reservations that are no longer needed will be released. CTA is providing the following services as part of this project: research of public records and files, preparation of legal descriptions; preparation of applications for transfer of reservations; coordination with SFWMD on the proper release and transfer of reservations		
b. (1) TITLE AND LOCATION <i>(City and State)</i> NE 38 th Street Streetscape/Reconstruction Project Oakland Park, Florida	2011	2012-2013
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Survey Manager, Right-of-way surveys covering from Dixie Highway, west to NW 10 th Avenue, then North to Prospect Road (2.5 miles), Boundary and topographic elevations for the existing right-of-way for reconstruction design.		
c. (1) TITLE AND LOCATION <i>(City and State)</i> City of Aventura General Consulting (Surveying) Services Aventura, Florida	2001-Present	Varies
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Pryce has managed all survey activities which are part of our general consulting for the City of Aventura on capital improvement projects including roadway and drainage improvements; infrastructure improvements; park projects; street resurfacing; traffic improvement projects; and roadway lighting.		
d. (1) TITLE AND LOCATION <i>(City and State)</i> City of Miami Gardens General Consulting (Surveying) Services Miami Gardens, Florida	2001-Present	Not Applicable
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Pryce has managed all survey activities which are part of our general consulting for the City of Miami Gardens on capital improvement projects including roadway and drainage improvements; infrastructure improvements; park projects; street resurfacing; traffic improvement projects; and roadway lighting.		



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

12. NAME Douglas M. Davie, P.S.M.	13. ROLE IN THIS CONTRACT Surveyor	14. YEARS EXPERIENCE	
		a. TOTAL 40	b. WITH CURRENT FIRM 21
15. FIRM NAME AND LOCATION <i>(City and State)</i> Craven Thompson & Associates, Inc., 3563 N.W. 53 rd Street, Fort Lauderdale, Florida 33309			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Professional Surveyor and Mapper Florida No. 4343 (1987)	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Florida Society of Professional Surveyors and Mappers			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	Town of Davie Westside Town Hall Drainage Improvements	2011	2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Surveyor - Prepare drainage route design survey. Prepare 5 Acre survey for retention area.		
b.	Town of Davie Oakes Fire Station	2005	2006
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Surveyor - Prepare various sketch and legal descriptions for creation and vacation of easements.		
c.	Banyan Bay Marina Dania Beach	2006	2006
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Supervise the preparation of full boundary, location and topographic survey, including calculations of FAA Part 77 Clear Zones for Fort Lauderdale-Hollywood International Airport to determine maximum building design heights.		
d.	North County Neighborhood Improvement Project Broward County, Florida	2004-2011 (Phased)	2010-2014 (Phased)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Survey Project Manager. Design and as-built surveys for over 1,000 acres of infrastructure improvements.		
e.	City Fort Lauderdale - Downtown Development Authority (DDA) Streetscape Projects - Fort Lauderdale, Florida	2007	2010
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - Oversaw all aspects of preparation of topographic and right of way surveys for over four miles of urban roadways for the purposes of drainage, landscaping and beautification. These surveys included the establishment of rights of way, location of all existing improvements and depiction of elevations for design purposes. Additionally, Mr. Davie reviewed the legal description of the DDA boundary, edited the legal description and prepared a map depicting the boundaries.		



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

12. NAME Thomas C. Shahan, P.S.M.	13. ROLE IN THIS CONTRACT Project Surveyor	14. YEARS EXPERIENCE	
		a. TOTAL 39	b. WITH CURRENT FIRM 29
15. FIRM NAME AND LOCATION <i>(City and State)</i> Craven Thompson & Associates, Inc., 3563 N.W. 53 rd Street, Fort Lauderdale, Florida 33309			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Two year Vocational Drafting Degree ICS Mail Correspondence Course for Surveying and Drafting		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Professional Surveyor and Mapper Florida No. 4387 (1987)	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Florida Society of Professional Surveyors and Mappers			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	Royal Palm Park City of Oakland Park	2007	2007
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Prepare a topographic survey for design purposes of a sidewalk connection from N.W. 16 th Avenue to Royal Palm Park. The survey included recovery of right-of-way boundary and control sufficient to determine right-of-way limits; location of the aboveground visible improvements with elevations including preparation of a sketch and description for dedication of an access/sidewalk easement.		
b.	Eastside Neighborhood Drainage Improvement Program Town of Davie	2012-Present	Anticipated 2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Horizontal & vertical control verification for a Design Survey for neighborhood improvement project including as-built location of existing utilities and roadways.		
c.	N.W. 44 th Street Sunrise, Florida	2012	2012
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Preparation of a design survey along the South side of N.W. 44 th Street from N.W. 31 st Avenue West approximately 2,500 lineal feet for the purpose of preparing photo metric plans.		
d.	Sleepy River Survey City of Oakland Park, Florida	2010-2011	2012
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Prepare Topographic survey for engineering purposes of NW 33 rd Street from NW 3 rd Avenue to the western terminus in the Sleepy River Area. The survey included recovery of sufficient right-of-way boundary monumentation to determine right-of-way limits; location of the aboveground visible improvements within the right-of-way limits and preparation of survey in AutoCAD Version 2006 drawing file format.		
e.	Long Key/Flamingo Park, Town of Davie, Florida	2006	2006
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Design survey and topographic location for architectural design of a county park, preparation of sketch & descriptions for vacation and dedication of utility easements and right-of-way within the Town of Davie.		



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

12. NAME Nicholas Messina, Jr., P.S.M.	13. ROLE IN THIS CONTRACT Project Surveyor/Mapping/GIS	14. YEARS EXPERIENCE	
		a. TOTAL 24	b. WITH CURRENT FIRM 15
15. FIRM NAME AND LOCATION <i>(City and State)</i> Craven Thompson & Associates, Inc., 3563 N.W. 53 rd Street, Fort Lauderdale, Florida 33309			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Associates of Science - Surveying and Mapping (1999) University of Alaska, Anchorage Alaska		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Professional Surveyor and Mapper Florida No. 5799 (1998)	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Florida Society of Professional Surveyors and Mappers			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> NW 7th Avenue & NW 9th Avenue Connector Fort Lauderdale, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2008	CONSTRUCTION <i>(if applicable)</i> 2008
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Conducted a horizontal control GPS static survey utilizing Florida Department of Transportation field and post processing procedures using Hector Vector software.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i> GIS for Broward County Water Reuse Master Plan Broward County, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012-2013	CONSTRUCTION <i>(if applicable)</i> Not Applicable
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Performed the geospatial analysis, database management, and GIS mapping of all existing, planned, and proposed reuse waterlines in Broward County	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i> North Central County Neighborhood Improvement Project Lauderhill, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2002-2009 (Phases)	CONSTRUCTION <i>(if applicable)</i> 2004-2012 (Phases)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager responsible preparing the Topographic Survey of the existing conditions survey for large neighborhood redevelopment project	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> West Ken Lark Neighborhood Improvement Project Broward County, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2008	CONSTRUCTION <i>(if applicable)</i> 2008
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager responsible preparing the Topographic Survey of the existing conditions survey for engineering design purposes.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i> GIS Retroactive Commercial Stormwater Assessment Oakland Park, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2008	CONSTRUCTION <i>(if applicable)</i> Not Applicable
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE He assisted in converting the City's existing storm water assessment system on commercial property owners within the City to an ESRI GIS format. He analyzed the City's current database having a customer name and address along with a fee associated with an unclear process to determine Pervious versus Impervious surfaces which were not mapped and could not be verified.	<input checked="" type="checkbox"/> Check if project performed with current firm	



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

12. NAME Raymond Young, P.S.M.	13. ROLE IN THIS CONTRACT Project Surveyor	14. YEARS EXPERIENCE	
		a. TOTAL 32	b. WITH CURRENT FIRM 20
15. FIRM NAME AND LOCATION <i>(City and State)</i> Craven Thompson & Associates, Inc., 3563 N.W. 53 rd Street, Fort Lauderdale, Florida 33309			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Professional Surveyor and Mapper Florida No. 5799 (1998)	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	NE 191 Street/NE 188 Street/NE 185 Street Milling and Re-surfacing Project, Aventura	2005	2005
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Preparation of topographic survey for full right of way of streets listed. Preparation of calculations and right of way location for engineering design.		
b.	Williams Island Boulevard Milling and Re-surfacing Project, Aventura, Florida	2008	2008
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Preparation of topographic survey for full right of way of Williams Island Boulevard east of Biscayne Boulevard. Preparation of calculations and right of way location for engineering design.		
c.	Margate Raw Water Line, Margate, Florida	2006	2006
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Preparation of a 1.5 mile Boundary and Topographic survey for new raw water line route along Rock Island Road, from N.W. 9 Court north to N.W. 30 Street. Preparation of a Boundary and Topographic survey for the wastewater treatment plant on N.W. 61 Avenue for tie in of raw water line.		
d.	Shirley Small Community Park, Fort Lauderdale, Florida	2004	2004
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Preparation of Boundary Survey consistent with City of Fort Lauderdale standards, including determination of boundary location from field control and setting of boundary monuments, location of existing improvements within 10' of the boundary lines including the seawalls along the Intracoastal waterway.		
e.	Biscayne Boulevard Decorative Street Light Improvements, Aventura, Florida	2010	2012
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Preparation of topographic survey for several portions of Biscayne Boulevard. Preparation of calculations and setting of baseline for construction layout, including the location of improvements for engineering design.		



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

12. NAME Mark Minter, P.S.M.	13. ROLE IN THIS CONTRACT Project Surveyor	14. YEARS EXPERIENCE	
		a. TOTAL 38	b. WITH CURRENT FIRM 8
15. FIRM NAME AND LOCATION <i>(City and State)</i> Craven Thompson & Associates, Inc., 3563 N.W. 53 rd Street, Fort Lauderdale, Florida 33309			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Stockton State College (1972 - 1974)		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Professional Surveyor and Mapper Florida No. 5785 (1988)	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Florida Society of Professional Surveyors and Mappers - Associate Member			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> City of Miami Gardens Livable Neighborhoods Miami Gardens, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Design survey of four (4) areas of Miami Gardens. Total size - Approximately 190 acres plus. Survey existing roadways and common use areas for re-design. Approximately total project cost - \$15 Million.		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Park Sites GS-370, OS-58 and OS-61 Sunrise, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES N/A	CONSTRUCTION <i>(If applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Topographic survey of sites for design of future parks for recreation and natural preserves. Project size is 40+ acres. Total project cost - \$4.5 Million.		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Harlem McBride Oakland Park, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2008	CONSTRUCTION <i>(If applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager responsible for 3-D High Definition Laser Scanning. Design of 1.5 mile of road and rights-of-way. Project cost - \$1 Million.		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Port Everglades Passenger Bridge Load Study Fort Lauderdale, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2005	CONSTRUCTION <i>(If applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Study of mobile passenger loading bridges for stress from empty to under maximum load for durability and structure failure. This was in response to the failure of the loading bridge to the Queen Mary II.		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> CityPlace West Palm Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Construction of 55+ acres of infrastructure, roadways and buildings, retail and residential, as-builts of the same. Total construction cost - \$550+ Million.		



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT
 (Present as many projects as requested by the agency, or 10 projects, if not specified.
 Complete one Section F for each project)

20. EXAMPLE PROJECT KEY NUMBER

1

21. TITLE AND LOCATION (CITY AND STATE) North County Neighborhood Improvements, NW Quadrant Broward County, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2004 - 2011	CONSTRUCTION (If applicable) 2010-2014

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Broward County Water & Wastewater Services	b. POINT OF CONTACT NAME Mr. Alan Garcia, P.E., Director, Water & Wastewater Services	c. POINT OF CONTACT TELEPHONE NUMBER (954) 831-0747
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and cost)



The area was developed with limited sanitary sewer system, no drainage and an inadequate water distribution system. As a result of aging and inadequate infrastructure, Broward County selected CTA to survey and design infrastructure improvements needed in the area. Construction cost for these improvements was in excess of tens of millions of dollars. **CTA surveyed, designed and permitted** storm outfalls, storm sewers, storm water treatment facilities, water distribution, sanitary sewer collection systems storm sewer systems, and roadway improvements for the entire 650 acres. The proposed drainage systems developed from the model consisted of exfiltration trenches and swales with some connected to positive outfalls and others not. The sanitary sewer collection system consisted of 22,047 L.F. - 8" gravity main, and 34 L.F. - 10" gravity main. The sanitary force main system consisted of 295 L.F. - 8" main, 2,235 L.F. - 10" main, 3,790 L.F. 12" main, 4,300 L.F. - 16" main, and 4,205 L.F. - 20" main. There were ninety three (93) new sanitary manholes added to the area. The water distribution system additions included 17,900 L.F. - 6" D.I.P. main, 5,100 L.F. - 8" D.I.P. main and 1,850 L.F. - 12" D.I.P. main. All construction on the project is complete. This project required coordination with several different municipalities and agencies. An Inter-local Agreement was entered into with the City of Deerfield Beach. Right-of-ways and easements were established throughout the neighborhood. The entry road to Deerfield Beach High School was improved at the request of the City of Deerfield Beach.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime - Surveying, Civil-Engineering; Landscape Architecture, and Construction Management
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role



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

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

20. EXAMPLE PROJECT KEY NUMBER

2

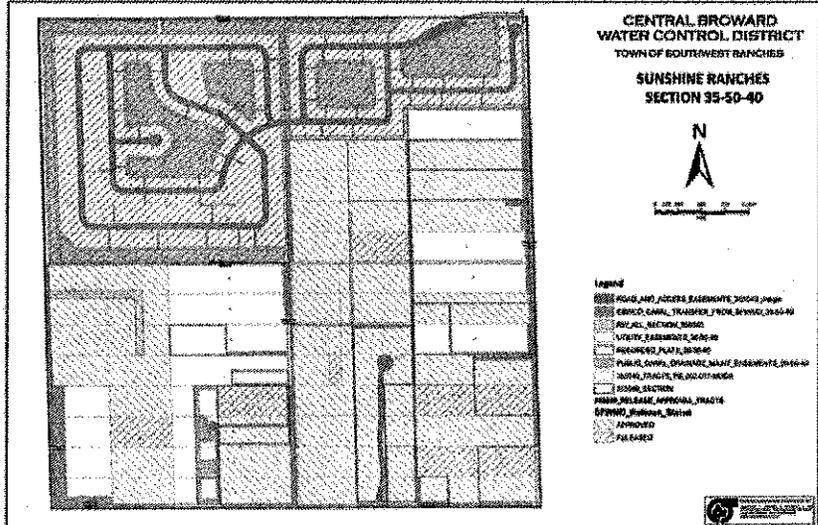
21. TITLE AND LOCATION (CITY AND STATE) Transfer of Drainage Reservations and GIS Mapping in Sunshine Ranches, Central Broward Water Control District	22. YEAR COMPLETED PROFESSIONAL SERVICES 2008 - Present	CONSTRUCTION (if applicable) Not Applicable
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23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Central Broward Water Control District (CBWCD)	b. POINT OF CONTACT NAME Mr. Michael Crowley, District Engineer	c. POINT OF CONTACT TELEPHONE NUMBER (954) 432-5110
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

As District Engineer for the Central Broward Water Control District (CBWCD), Craven Thompson & Associates, Inc. (CTA) is assisting the District in transferring a series of drainage reservations within the Sunshine Ranches section of the Town of Southwest Ranches to CBWCD. Currently, there is a substantial number of underlying drainage reservations that the District would like transferred to their name. Those reservations that are no longer needed will be released. CTA is providing the following services as part of this project: research of public records and files, preparation of legal descriptions; preparation of applications for transfer of reservations; coordination with SFWMD on the proper release and transfer of reservations; GIS mapping of all sections showing existing and proposed drainage easements and/or reservations; and presentations to the CBWCD Board. The GIS mapping will provide the District with accurate information pertaining to their records and the surrounding properties in an electronic mapping format that can be accessed readily from any computer on the District's network. Computer access to the maps and the related documents will go far in streamlining the planning and maintenance process for the District in the future.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT
 (Present as many projects as requested by the agency, or 10 projects, if not specified.
 Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

3

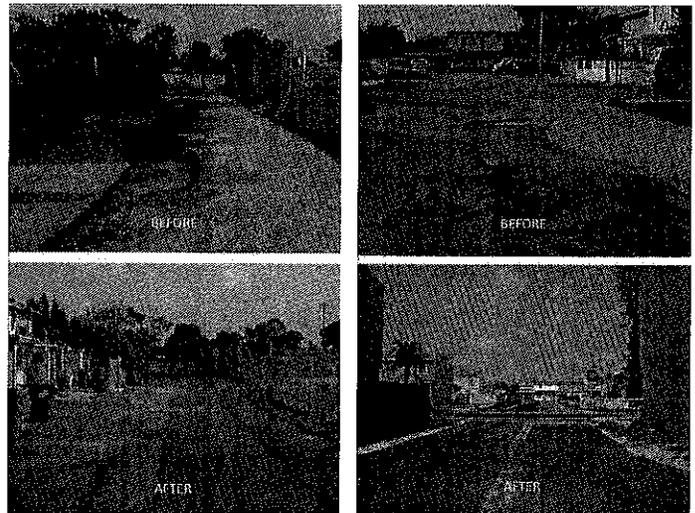
21. TITLE AND LOCATION (CITY AND STATE)		22. YEAR COMPLETED	
Livable Neighborhoods Improvement Project Miami Gardens, Florida		PROFESSIONAL SERVICES 2009 - Ongoing (Phased)	CONSTRUCTION (If applicable) 2013 - Ongoing (Phased)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Miami Gardens	b. POINT OF CONTACT NAME Mr. Tom Ruiz Public Works Director	c. POINT OF CONTACT TELEPHONE NUMBER (305) 622-8000, ext. 3110
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Craven Thompson & Associates, Inc. (CTA) is the Design Engineer for this project. The Livable Neighborhoods Improvement Project includes approximately 222 total acres of land subdivided among four separate sites; namely *Garden Circle, Kings Garden I & II, Kings Garden III* and *Vista Verde*. The various project sites are all located within the confines of N.W. 183rd Street (Miami Gardens Drive), N.W. 215th Street (County Line Road), N.W. 47th Avenue, and N.W. 37th Avenue in the City of Miami Gardens, Florida. Significant amounts of the existing roadway and utility infrastructure within these neighborhoods are in a dilapidated state, which warranted immediate attention to alleviate the adverse conditions and conform to current standards. No storm water quality treatment or quantity attenuation facilities were included in the initial developments, which are apparent through the numerous drainage issues observed. In order to address the infrastructure needs, the City of Miami Gardens selected CTA to analyze the drainage system and roadway corridors within the project areas. CTA prepared a Basis of Design Report (BODR) for the all the neighborhoods (*Garden Circle, Kings Garden I & II, and Kings Garden III, and Vista Verde*) which identified major deficiencies and provided recommendations for improvements. **CTA provided all of the surveying survey services for the project.** Recommendations included roadway rehabilitation, streetscape, new storm sewer systems and storm water quality treatment, street lighting and landscaping improvements to select roadway corridors along with comprehensive storm water management systems for each neighborhood, which included potential outfall options into nearby canal systems. To date, Kings Garden I & II has been fully designed and constructed, Vista Verde Phase IA is currently in construction, and Vista Verde Phase 1B is about to commence construction. CTA is also assisting the City in sourcing funding and easement / right-of-way acquisitions to facilitate the design and construction of the remaining neighborhoods.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime - Surveying, Civil Engineering, Construction Service
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role



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

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

20. EXAMPLE PROJECT KEY NUMBER

4

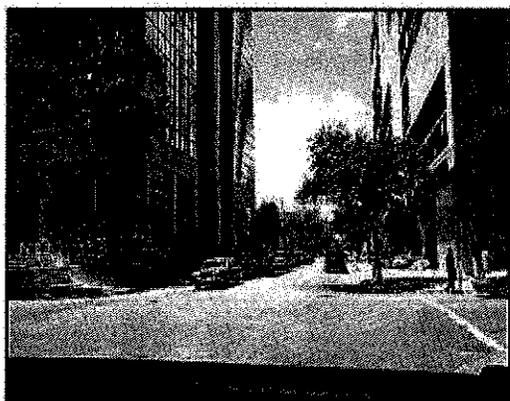
21. TITLE AND LOCATION (CITY AND STATE) SW/SE 2nd Street Improvements Survey Fort Lauderdale, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION (If applicable) Not Applicable

23. PROJECT OWNER'S INFORMATION

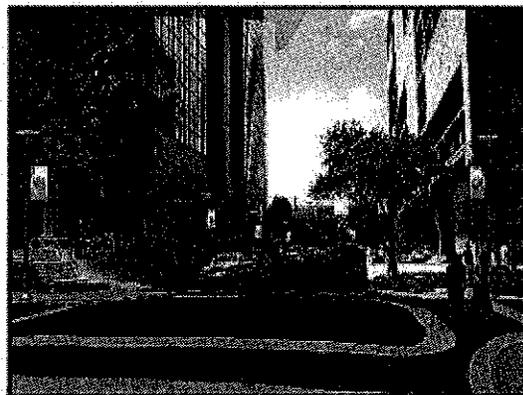
a. PROJECT OWNER Edward D. Stone & Associates, Inc.	b. POINT OF CONTACT NAME Mr. Bob Dugan, Principal Edward D. Stone & Associates, Inc.	c. POINT OF CONTACT TELEPHONE NUMBER (954) 524-3330
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Craven Thompson & Associates, Inc. (CTA) provided survey services for this \$4 million streetscape improvement project along SW/SE 2nd Street in Fort Lauderdale. The project extends from SW 3rd Avenue to Federal Highway, approximately 1 mile in length. CTA's survey department was instrumental not only in preparation of the route design survey but also coordination of title search information, and preparation of sketch and legal descriptions for numerous permanent and temporary easements.



Before Improvements



After Improvements

Second Street Corridor

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

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

20. EXAMPLE PROJECT KEY NUMBER

5

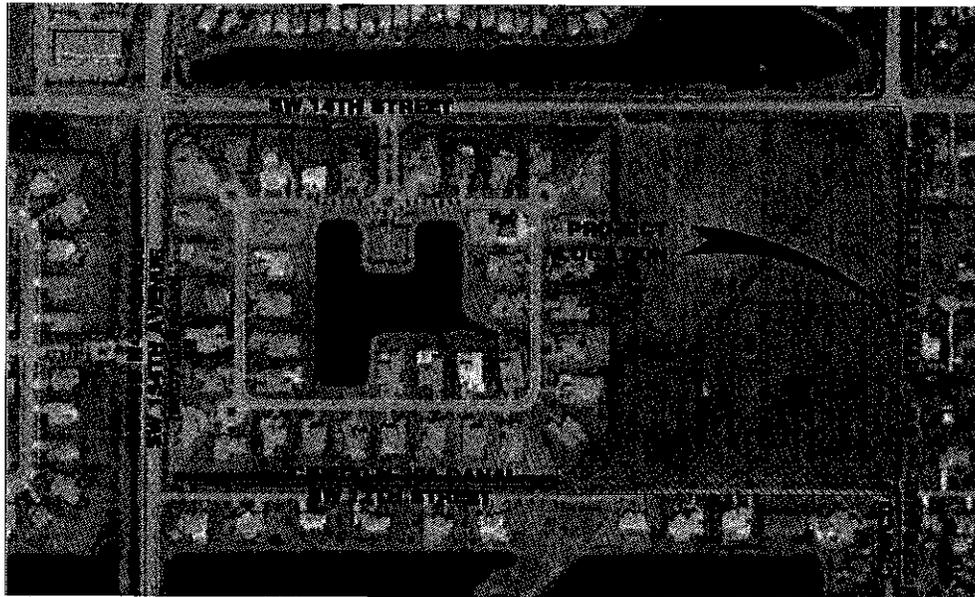
21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
N30 Canal Culvert Extension Central Broward Water Control District	PROFESSIONAL SERVICES 2009	CONSTRUCTION (If applicable) 2010

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Central Broward Water Control District	b. POINT OF CONTACT NAME Mr. Michael Crowley District Engineer	c. POINT OF CONTACT TELEPHONE NUMBER (954) 432-5110
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Craven Thompson & Associates, Inc. (CTA) provided watershed analysis and modeling to interconnect three District canals. We also provided **survey layout**, final engineering design, environmental and surface water permitting, and bid phase services for a 60" pipe interconnect and ancillary drainage facilities, including a 48" stormwater check valve. Construction started in early 2012.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

6

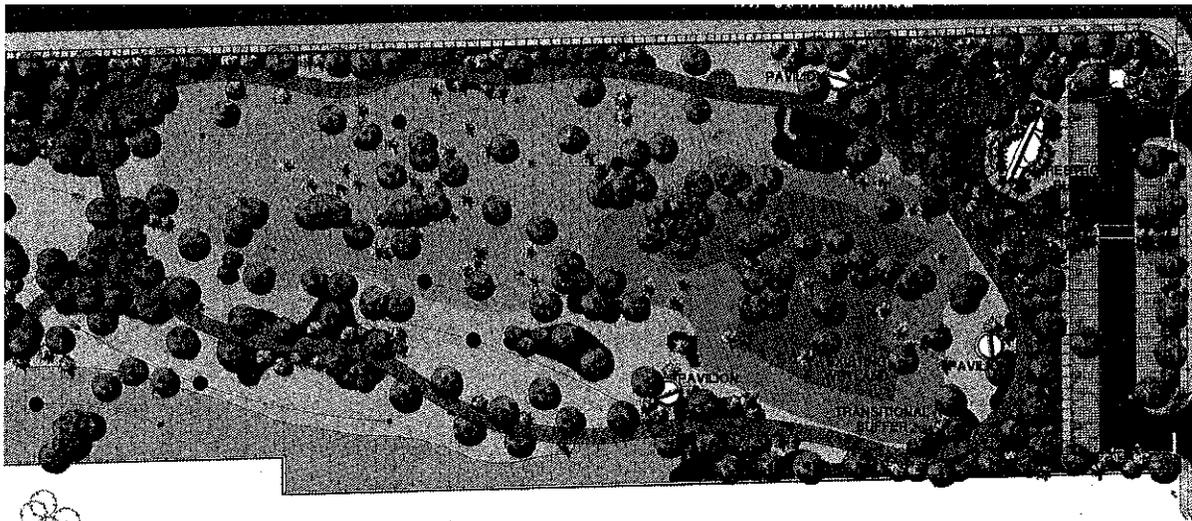
21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
Oakland Park Boulevard Passive Park, Sunrise, Florida	PROFESSIONAL SERVICES 2011-2013	CONSTRUCTION (If applicable) Current

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Sunrise	b. POINT OF CONTACT NAME Mr. Dave Abderhalden City of Sunrise Community Development Department	c. POINT OF CONTACT TELEPHONE NUMBER (954) 572-2264
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The Sunrise Passive Park known as the Oakland Park Boulevard Site (GS-370) is a 7.93 acre vacant site located on the east side of NW 90th Terrace between Oakland Park Boulevard and NW 38th Street. Funding for the acquisition of this site was provided through the Broward County Land Preservation Bond Program. Existing on this site is a small Cypress Stand and wetland, as well as several large specimen Live Oak trees. The site plan was designed to preserve and enhance all of the existing natural resources while providing a beautiful, safe and functional passive park for the residents. The park will contain a walking/jogging trail with exercise stations, an elaborately themed Splash Pad/ "Sprayground", pervious parking area, a nine hole disc golf course, multiple custom picnic pavilions and a custom restroom facility as well as environmental educational materials. Craven Thompson and Associates, Inc. is the prime consultant responsible for the park design as well as **all of the survey**, preparation of the Open space Park management Plan, the design workshops, conceptual site design, Construction Documents and Construction Management.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

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

20. EXAMPLE PROJECT KEY NUMBER

7

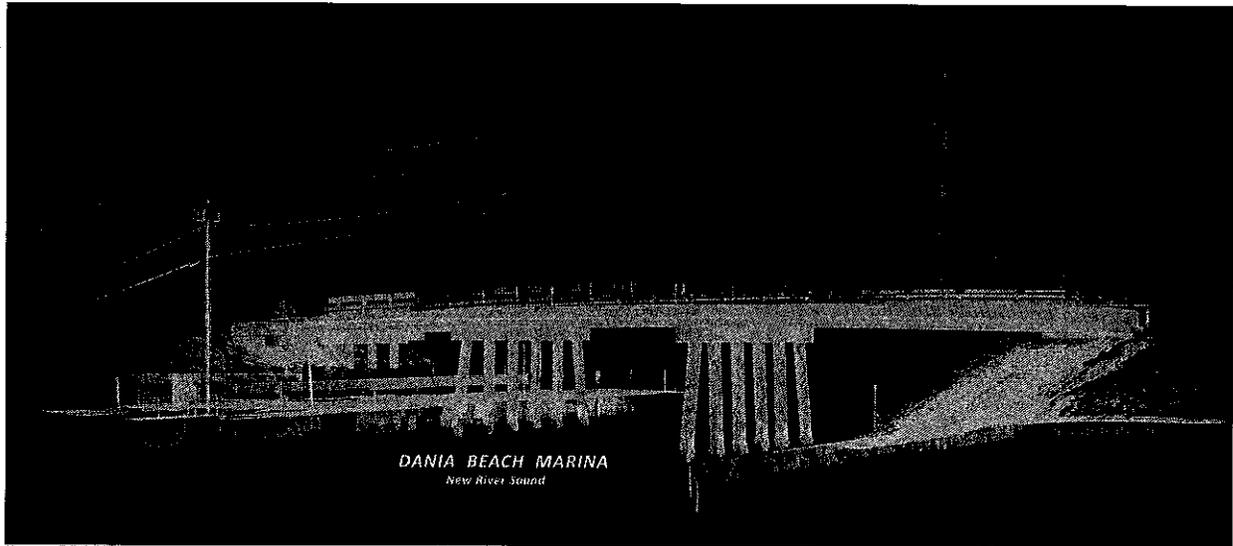
21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
Dania Beach Marina Survey Dania Beach, Florida	PROFESSIONAL SERVICES 2011	CONSTRUCTION (If applicable) Not Applicable

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Dania Beach	b. POINT OF CONTACT NAME Mr. Colin Donnelly Assistant City Manager	c. POINT OF CONTACT TELEPHONE NUMBER (954) 924-6800
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Craven Thompson and Associates, Inc. performed a Topographic & Hydrographic survey on the Dania Beach Marina and parking for the City of Dania Beach for design purposes. The survey included hydrographic surveying of the Marina area for proposed dredging and bulkhead replacement. We also included a 3-D High Definition Survey of the existing bridge over New River Sound so that they obtain clearances under the bridge.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

20. EXAMPLE PROJECT KEY NUMBER

8

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

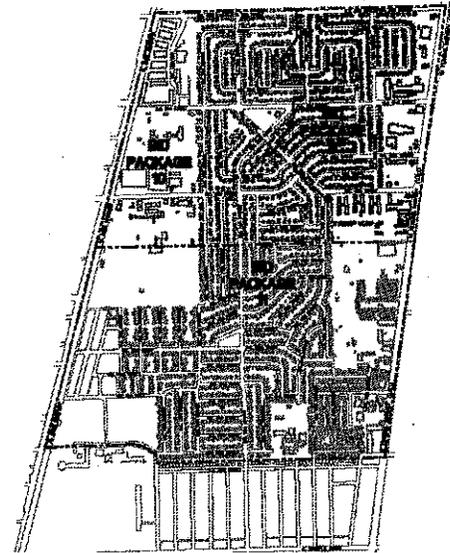
21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
North County Neighborhood Improvement Project NE Quadrant, Pompano Beach, Florida	PROFESSIONAL SERVICES 2007 - 2011 (Phased)	CONSTRUCTION (If applicable) 2010 - 2014 (Phased)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Broward County Water and Wastewater Services	b. POINT OF CONTACT NAME Mr. Alan Garcia, P.E., Director, Water & Wastewater Services	c. POINT OF CONTACT TELEPHONE NUMBER (954) 831-0747
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The North County Neighborhood Improvement Project (NCNIP) Northeast Quadrant includes approximately 720 acres of land between Dixie Highway and Federal Highway, North of Sample Road in Pompano Beach. The area was developed with a severely limited sanitary sewer system, no storm sewer nor any storm water quality treatment, and an inadequate water distribution system. As a result of this aging and inadequate infrastructure, Broward County selected Craven Thompson and Associates, Inc. to **prepare the surveys** and design infrastructure improvements to upgrade service in the area and provide Resident Project Representative during construction. The drainage systems **surveyed**, designed, permitted and constructed consisted of exfiltration trench, re-grading of swales, upsizing of piping, new piping and structures connected to existing systems wherever possible for overflow purposes. The storm water improvements included 30, 010 linear feet of storm sewer, 29,990 linear feet of exfiltration trench, and 427 new drainage structures.



The sanitary sewer collection system consisted of 69,550 L.F. - 8" gravity main, 807 L.F. - 10" gravity main, 129 L.F. - 12" gravity main, and 144 L.F. - 16" gravity main. The sanitary force main system consisted of 540 L.F. - 8" main, and 1,540 L.F. 12" main. The water distribution system additions included 35,626 L.F. - 6" main, 10,161 L.F. - 8" main, 841 L.F. - 12" main, 1,306 L.F. - 20" main, and 1,023 L.F. - 24" main. Construction cost for these improvements were in the tens of millions of dollars.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime - Surveying , Civil-Site and Drainage Systems; Water Treatment and Water Distribution; Wastewater and Lift Stations
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role



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

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

20. EXAMPLE PROJECT KEY NUMBER

9

21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
Miramar Regional Park, Phases I thru III Miramar, Florida	PROFESSIONAL SERVICES Phase I - 2004 Phase II - 2005 Phase III - Ongoing	CONSTRUCTION (If applicable) Phase I - 2005 Phase II - 2006 Phase III - Unknown

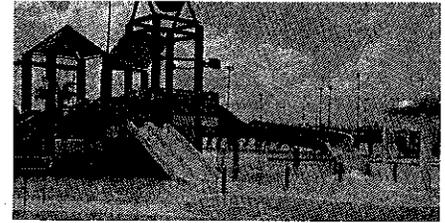
23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Miramar	b. POINT OF CONTACT NAME Mr. Luis Lopez, PE City Engineer	c. POINT OF CONTACT TELEPHONE NUMBER (954) 602-3316
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Craven Thompson and Associates designed the Miramar Regional Park the site as an active regional park. The park is located on 200 acres in western Miramar.

The park's facilities include a 35-acre wetland conservation area, a 28-acre lake system with beach and boat rental facilities; picnic areas and shelters, softball fields, soccer/cricket fields, tennis and basketball courts, a water playground facility, and a swimming pool.

Craven Thompson and Associates, Inc. **performed all surveying services**, designed and permitted dredge and fill plans for the parks water management system, wetland mitigation area and infrastructure facilities which included a water distribution and fire protection system; a sanitary sewer collection system with two lift stations and transmission force main; a drainage system of swales, inlets and culverts to direct runoff to the on-site lake system; and the backbone roadway system and adjacent paved parking areas. Also included were off-site roadway improvements to SW 172nd Avenue and Miramar Parkway to satisfy plat approved turn lane requirements. Estimated Construction Cost: \$24,000,000.00.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime - Surveying, Civil Engineering, Landscape Architecture, and Construction Management
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role



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

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

20. EXAMPLE PROJECT KEY NUMBER

10

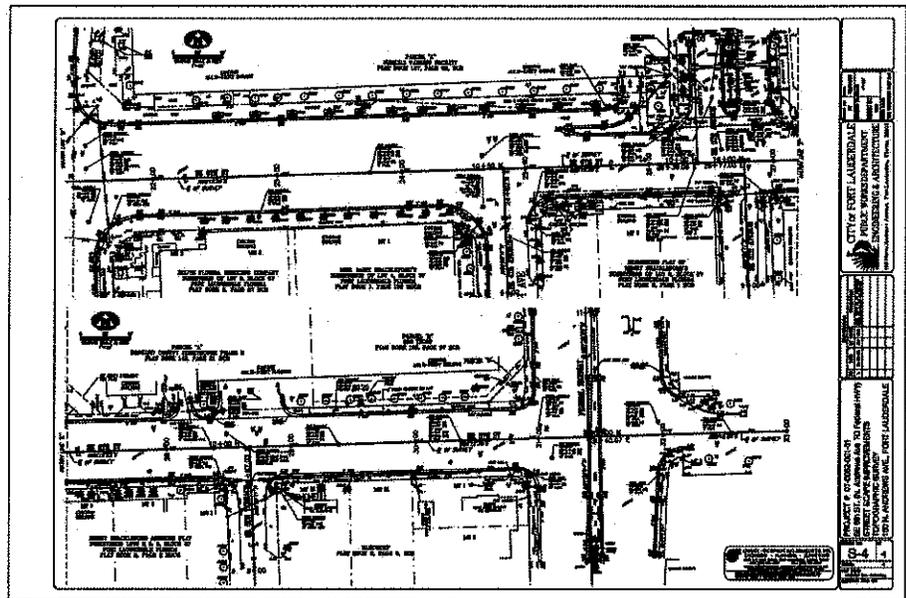
21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Streetscape Design Surveys for NE 4th, NE 5th, SE 6th, and SE/SW 7th Streets - Fort Lauderdale Downtown Development Authority, Fort Lauderdale, Florida	2009	2009

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Fort Lauderdale Downtown Development Authority	b. POINT OF CONTACT NAME Mr. Chris Wren Fort Lauderdale Downtown Development Authority	c. POINT OF CONTACT TELEPHONE NUMBER (954) 463-6574
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The Project consisted of **complete Topographic Design Surveys** of the full right-of-ways of NE 4th Street, NE 5th Street, SE 6th Street, and SE / SW 7th Street, from Andrews Avenue to Federal Highway, approximately 3 miles for Engineering and Streetscape Design. This survey included establishing the rights of way, location of all visible fixed improvements, as-builts of utilities and preparation of survey base map for landscape and civil engineering design.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

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

20. EXAMPLE PROJECT KEY NUMBER

11

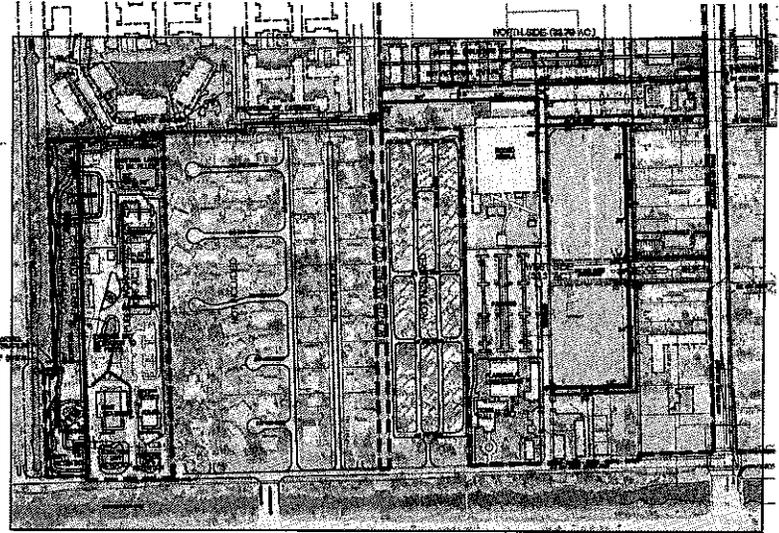
21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
Westside Town Hall Drainage Study & Implementation Davie, Florida	PROFESSIONAL SERVICES 2011	CONSTRUCTION (if applicable) Current

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Davie Community Redevelopment Agency	b. POINT OF CONTACT NAME Mr. Will Allen Redevelopment Administrator	c. POINT OF CONTACT TELEPHONE NUMBER (954) 797-2093
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and cost)

Craven Thompson & Associates, Inc. (CTA) has completed the Westside Town Hall Drainage Study for the CRA, west of Davie Road and north of Orange Drive. The site is approximately thirty-four (33.79) acres and is bounded by SW 41st Court on the south, SW 67th Avenue on the west, SW 39th Street on the north, and Davie Road on the east. The Drainage Study incorporated a 5-acre parcel of Town owned land adjacent to the Central Broward Water Control District Canal, west of Town Hall as a passive park/retention area to attenuate the storm water. **A route design survey was prepared by CTA for the main trunk line for the storm sewer system.** The trunk line has been design and permitted by CTA and will begin construction shortly.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

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

20. EXAMPLE PROJECT KEY NUMBER

12

21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
West Wastewater Treatment Plant Survey and Proposed Reclaimed Water Transmission Pipeline Route Survey, Margate, Florida	2012	2012

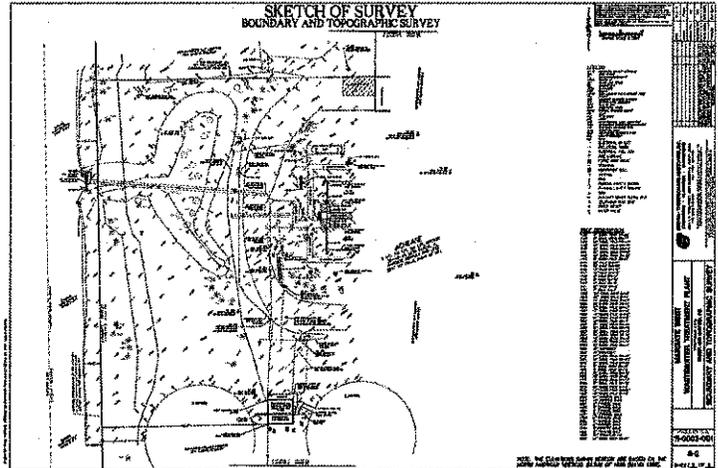
23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Hazen and Sawyer, P.C.	b. POINT OF CONTACT NAME Ms. Cristina Garcia-Marquez, P.E. Project Manager	c. POINT OF CONTACT TELEPHONE NUMBER (954) 987-0066
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Boundary and Topographic Survey of the City of Margate West Wastewater Treatment Plant together with a Route Survey for a proposed reclaimed water pipeline (8,000 linear feet). The boundary and topo survey covered the west half of the Treatment Plant site locating all of the aboveground physical features and specific underground utilities together with a topographic survey on a 25 foot grid throughout the project area.

The route survey covered a portion of Rock Island Road (8,000 LF) from NW 9th Street to NW 30th Street. The survey included locations of all improvements, above and below ground utilities, and cross-section elevations every 50 feet along the route.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

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

20. EXAMPLE PROJECT KEY NUMBER

13

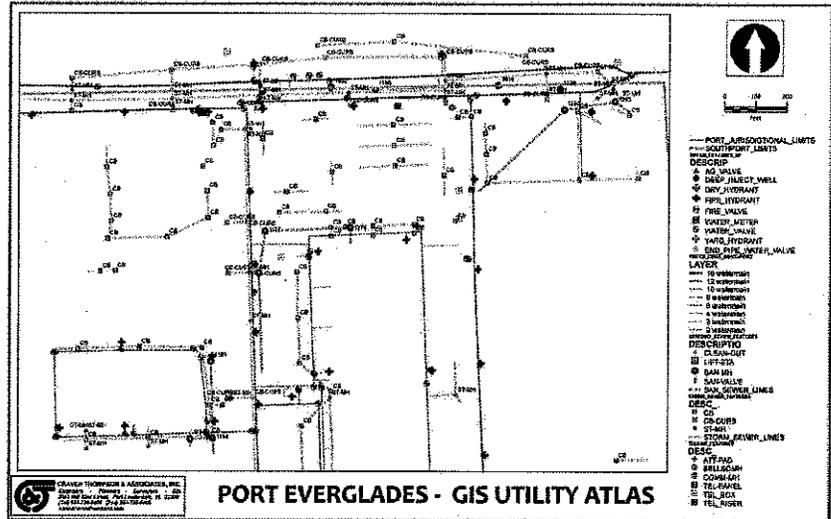
21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
GIS Utility Atlas Port Everglades, Broward County	PROFESSIONAL SERVICES 2012	CONSTRUCTION (if applicable) 2012

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Port Everglades - Seaport Engineering and Construction Division Public Works & Transportation Dept.	b. POINT OF CONTACT NAME Mr. John Foglesong, Division Director	c. POINT OF CONTACT TELEPHONE NUMBER (954) 523-3404
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

As the General Consultant for the Port Everglades, Craven Thompson & Associates, Inc. (CTA) assisted the Port in preparing a Port-wide GIS mapping of all drainage, sanitary sewer and water distribution facilities as well as other utilities. The purpose of the project was to provide the Port with a functional Utility GIS in ESRI ArcGIS format for all underground water, sanitary and storm sewer, electric, and telecommunication utilities along with all aboveground appurtenances (i.e.: fire hydrants, valves, utility covers, etc.). This allows the Port to better manage, operate and maintain their facilities and also assists in improving operations and response by fire rescue. CTA also provided the following services as part of this project: research of Port records and conversion of As-built Utilities files, as well as field surveys to verify locations; coordination with Port staff; GIS mapping of all of the Ports utilities; and presentations to the Port staff.



PORT EVERGLADES - GIS UTILITY ATLAS

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER
14

21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
City of Aventura - General Consulting Services Aventura, Florida	PROFESSIONAL SERVICES 2001 - Present	CONSTRUCTION (If applicable) Varies

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Aventura	b. POINT OF CONTACT NAME Mr. Antonio Tomei Capital Projects Manager	c. POINT OF CONTACT TELEPHONE NUMBER (305) 466-8923
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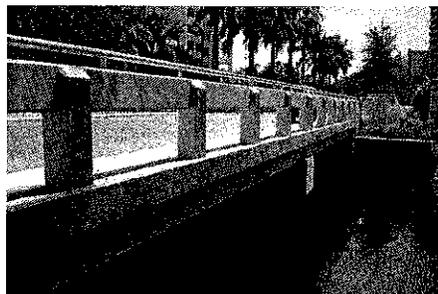
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Craven Thompson & Associates, Inc. (CTA) has served as the General Consultant for the City of Aventura since 2001. In this role we have completed numerous capital improvement projects including: **surveying**; engineering studies and reports; project management; roadway and drainage improvements; infrastructure improvements; permitting; park projects; street resurfacing; traffic improvement projects; roadway lighting; bulkhead studies; plan reviews; permitting; bidding assistance; and construction administration services.

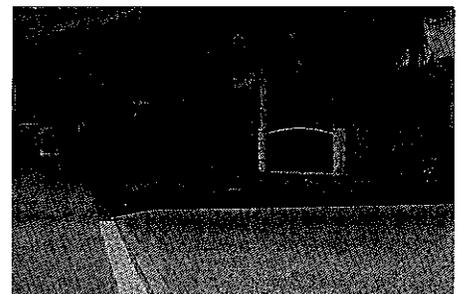
Total Value of contract to date: \$4.5 million.



Waterways Park



Yacht Club Way Bridge Repair



Country Club Dr. Exercise Trail Improvements

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53rd Street Fort Lauderdale, Florida 33309	(3) Role Prime - Surveying, Civil Engineering, Landscape Architecture, and Construction Management
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role



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

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

20. EXAMPLE PROJECT KEY NUMBER

15

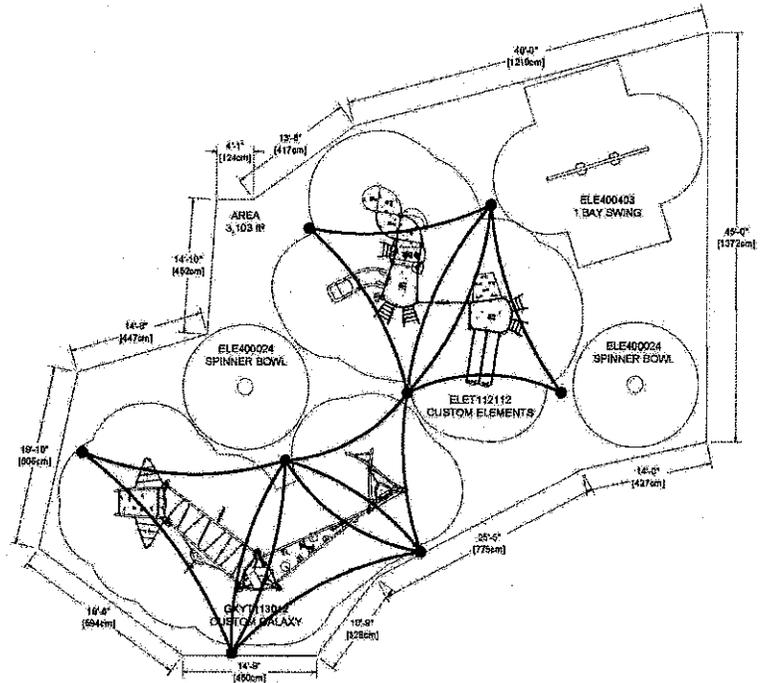
21. TITLE AND LOCATION (CITY AND STATE) Apollo Park Survey Pompano Beach, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable) 2013

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Pompano Beach	b. POINT OF CONTACT NAME Ms. Alessandra Delfico, P.E. City Engineer	c. POINT OF CONTACT TELEPHONE NUMBER (954) 786-4144
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Craven Thompson & Associates, Inc. was retained by the City of Pompano Beach to prepare a boundary and topographic survey for the City's Apollo Park consisting of 4.37 acres, located at 240 NW 16th Avenue in Pompano Beach. The City was upgrading the park by installing new surfacing, new playground equipment and shade canopies.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

16

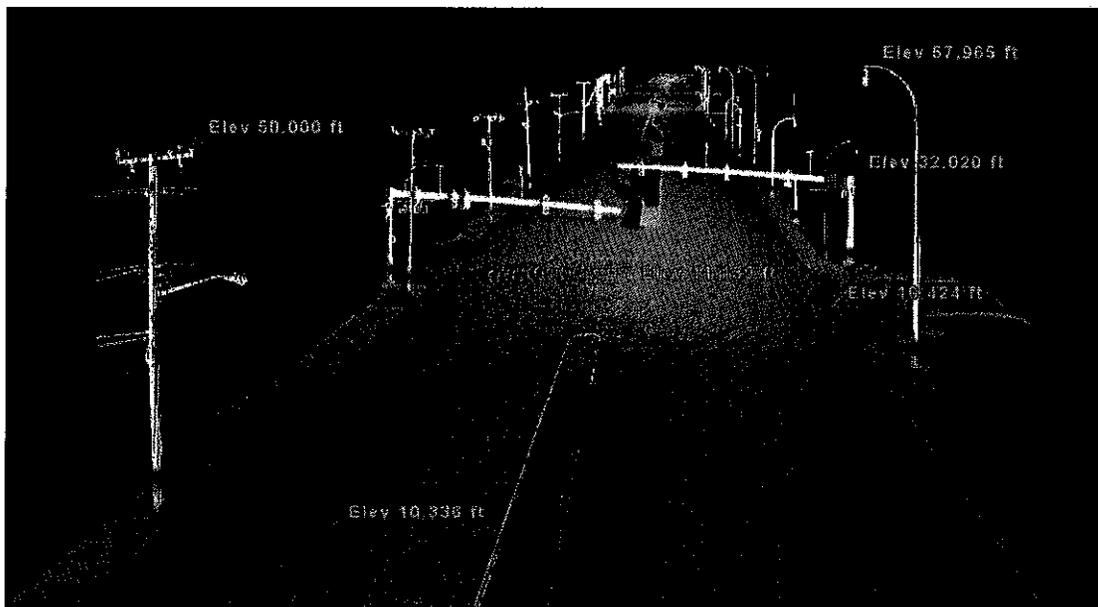
21. TITLE AND LOCATION (CITY AND STATE) State Road (SR) 7 - US 441 Right-of-Way Survey Broward County, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2007	CONSTRUCTION (If applicable) Not Applicable

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Chen Moore and Associates, Inc.	b. POINT OF CONTACT NAME Mr. Peter Moore, President	c. POINT OF CONTACT TELEPHONE NUMBER (561) 730-2030
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The project consisted of surveying the full right-of-way of State Road 7 for approximately 2 miles to design a proposed 20 inch water main location. Due to the amount of traffic and danger to staff, we utilized a Leica 3D Laser scanner to perform a High Definition Survey of the roadway in 3 dimensions. We were able to capture sufficient details, both horizontal and vertical to complete the survey.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

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

20. EXAMPLE PROJECT KEY NUMBER

17

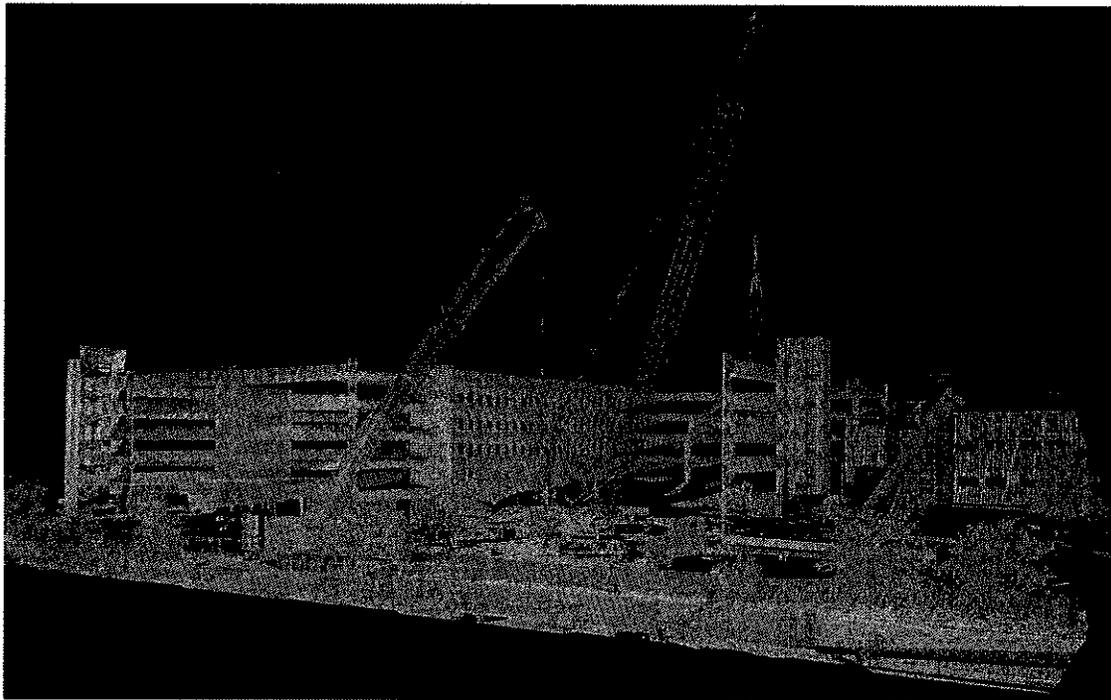
21. TITLE AND LOCATION (CITY AND STATE)		22. YEAR COMPLETED	
Miami-Dade College, Collapsed Parking Garage Survey Miami, Florida		PROFESSIONAL SERVICES January 2013	CONSTRUCTION (If applicable) Not Applicable

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER ProNet Group, Inc.	b. POINT OF CONTACT NAME Mr. Luis M. Ulloa, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (954) 334-1401
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Craven Thompson and Associates performed 3D laser scans of structural columns and debris piles as they were being removed over a 2 month long process for Structural Engineers doing Forensic work on the collapsed area. Scans of bolt patterns and footer pads as well as plumbness of remaining walls and columns for structural engineer for Insurance Companies were provided.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER
18

21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Sleepy River Bridge Survey & Design Oakland Park, Florida	2007	2008

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Oakland Park	Mr. Harris Hamid, P.E. Director Engineering & Community Development	(561) 630-4477

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

The Sleepy River Bridge Replacement Project consisted of a replacement of the original wood deck crossing of the Sleepy River within the City of Oakland Park's Sleepy River Acres Neighborhood. The bridge crossing replaced the old wood deck and railings with a stamped concrete wood finish and timber railings to meet current codes. Craven Thompson prepared a topographic survey for engineering purposes in the Sleepy River Area and adjacent rights-of-way. The survey included recovery of sufficient right-of-way boundary monumentation to determine right-of-way limits; location of the aboveground visible improvements within the right-of-way limits and preparation of survey in AutoCAD Version 2006 drawing file format.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

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

20. EXAMPLE PROJECT KEY NUMBER

19

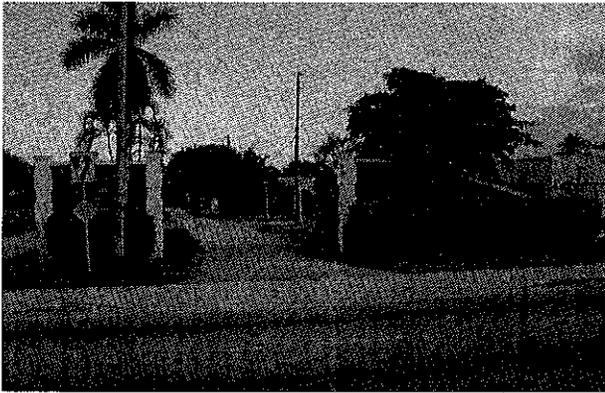
21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
Sense of Place Signage Oakland Park, Florida	PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable) 2012

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Oakland Park	b. POINT OF CONTACT NAME Mr. Harris Hamid, P.E., Director Engineering & Community Development	c. POINT OF CONTACT TELEPHONE NUMBER (954) 630-4477
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The neighborhood entryway signage program for the City is known as "The Sense of Place" project. The idea is that this would entice the residents to promote the idea of ownership of the community. When CTA was invited to become involved, we immediately began developing ideas and preparing Photoshop renderings of those ideas to present to the City Commission and the Community. The above design was enthusiastically accepted. **CTA prepared design surveys for sign locations**, prepared designs and put them out for public bid. The bids came in under budget and the projects were completed on schedule.



Before



After

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

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

20. EXAMPLE PROJECT KEY NUMBER

20

21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
N.E. 5th Avenue Corridor Streetscape & Drainage Improvements (from Oakland Park Boulevard to N.E. 38th Street), Oakland Park, Florida	March 2010	April 2011

23. PROJECT OWNER'S INFORMATION

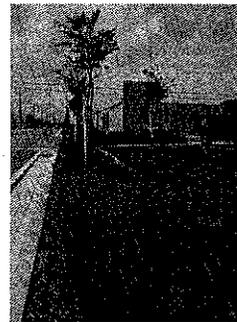
a. PROJECT OWNER City of Oakland Park	b. POINT OF CONTACT NAME Mr. Harris Hamid, Director-Engineering & Community Development	c. POINT OF CONTACT TELEPHONE NUMBER (954) 630-4477
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope, size, and cost)*

The City of Oakland Park awarded Craven Thompson & Associates the **surveying** and design contract for the landscape and streetscape, and drainage, improvements to the N.E. 5th Avenue Corridor from Oakland Park Boulevard to N.E. 38th Street; approximately 0.60 miles. The services included: **right-of-way survey**, full roadway reconstruction design, landscape, hardscape, storm water management ADICPR modeling and design, utility coordination and relocation, and all associated jurisdictional permitting. This project utilized federal grant funding for construction; specifically a Community Development Block Grant - Recovery Project Fund (CDBG-R) for which Craven Thompson and Associates played a vital role in helping the City of Oakland Park procure.



CONSTRUCTION COST:
 Engineer's Estimate: \$2 Million
 Final Cost: \$1.8 Million



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime: Surveying, Civil Engineering, Landscape Architecture, and Construction Management
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role



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

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

20. EXAMPLE PROJECT KEY NUMBER

21

21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
Waterways Park Aventura, Florida	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2007	2008

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Aventura	b. POINT OF CONTACT NAME Mr. Antonio Tomei Capital Projects Manager	c. POINT OF CONTACT TELEPHONE NUMBER (305) 466-8923
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The City of Aventura Waterways Park is a 7-acre municipal park located within the City of Aventura. The park includes a baseball field; multi-purpose field; basketball course; exercise path and par course; picnic pavilion; playground; administration building; guardhouse and parking area. Craven Thompson and Associates, Inc. was the Prime Consultant for the project and services included **surveying**; engineering design; architectural design; landscape architecture; electrical engineering; permitting; geotechnical services; environmental services; bidding assistance; and construction administration. The project included the relocation of a major FPL transmission line; high mast sports field lighting and off-site utility construction. The project was successfully completed in 2008 at a cost of approximately \$3.5 million.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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

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

20. EXAMPLE PROJECT KEY NUMBER

22

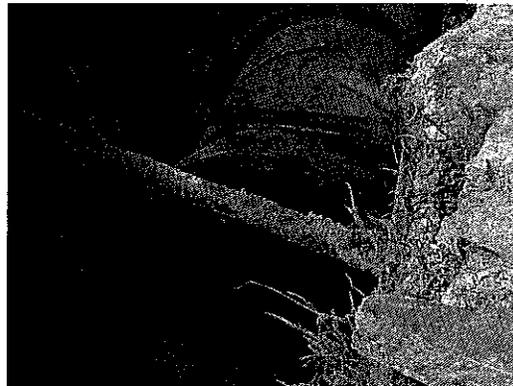
21. TITLE AND LOCATION (CITY AND STATE) North Collector Drainage Project, Aventura, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2006	CONSTRUCTION (If applicable) 2007

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Aventura	b. POINT OF CONTACT NAME Mr. Antonio Tomei Capital Projects Manager	c. POINT OF CONTACT TELEPHONE NUMBER (305) 466-8923
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The 209th Avenue Drainage Project included the design, permitting, coordination with the Florida Department of Transportation and installation of drainage improvements to the serve the City of Aventura's Hospital District, located west of Biscayne Boulevard and north of NE 209th Street. This area had experienced localized flooding during heavy rainfall events due to the lack of a positive drainage outfall. Craven Thompson provided **surveying**, design, permitting, and construction services. The drainage improvements included the extensions of 48-inch and 54-inch drainage culverts within the Hospital District; the modification to an existing control structure on the east side of Biscayne Boulevard and the installation of drainage wells within the Hospital District area. The project was constructed in several phases due to limitations of the existing conditions.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
a.	Craven Thompson & Associates, Inc.	3563 NW 53 rd Street Fort Lauderdale, Florida 33309	Prime - Surveying , Civil Engineering, Construction Services
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role



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

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

20. EXAMPLE PROJECT KEY NUMBER

23

21. TITLE AND LOCATION (CITY AND STATE)		22. YEAR COMPLETED	
Eastside Drainage Infrastructure Improvements, Phases I-III Davie, Florida		PROFESSIONAL SERVICES 2008-Current	CONSTRUCTION (If applicable) 2008-Current

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Town of Davie CRA	b. POINT OF CONTACT NAME Mr. Will Allen Redevelopment Administrator	c. POINT OF CONTACT TELEPHONE NUMBER (954) 797-2093
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Craven Thompson & Associates, Inc. (CTA) has completed the Eastside Master Drainage Study for approximately 340 acres within the CRA, east of Davie Road, north of Orange Drive and south of SW 36th Court and west of SW 53rd Avenue. The Master Drainage Study provided the basis for infrastructure improvements within the CRA Eastside. Phase 1 involved the installation of drainage infrastructure within SW 41st Place, SW 61st Avenue and SW 41st Street to a point of connection into an existing lake. These improvements were designed along with sewer and roadway improvements for SW 41st Place. The Phase allows for the redevelopment of SW 41st Place and also provides drainage for parcels along Davie Road as well as an outfall for SW 41st Street. Phases 2 & 3 are currently under design. Phase 2 involves the installation of drainage infrastructure within SW 38th Court and SW 60th Terrace to a point of connection with Lake 3. Also required would be the interconnection between Lake 3 and Lake 2 in SW 58th Terrace and the connection from Lake 3 to Central Broward Water Control District Canal N-5 via SW 39th Court to SW 56th Avenue to SW 39th Street and SW 55th Avenue to the outfall. These connections would be required in order to allow the bleed down of the lake system after a storm event. The installation of this infrastructure would provide the drainage backbone for a large portion of future redevelopment. Phase 3 involves the installation of drainage infrastructure within SW 63rd Avenue, SW 42nd Street, SW 41st Court and SW 61st Avenue to a point of connection with the drainage infrastructure installed in Phase I. **All surveying for the drainage on the project was performed by Craven Thompson.**

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER
24

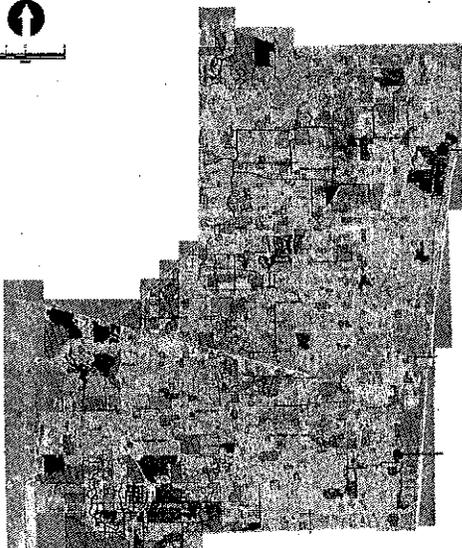
21. TITLE AND LOCATION (CITY AND STATE) GIS for Broward County Regional Water Reuse Master Plan, Broward County, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012 - 2013	CONSTRUCTION (If applicable) N/A

23. PROJECT OWNER'S INFORMATION

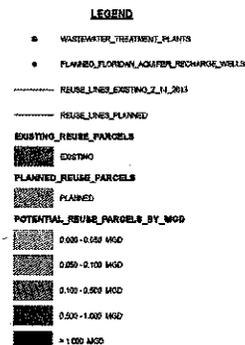
a. PROJECT OWNER Hazen and Sawyer, PC.	b. POINT OF CONTACT NAME Ms. Janeen Wietgreffe, PE Project Manager	c. POINT OF CONTACT TELEPHONE NUMBER (954) 987-0066
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

As the GIS sub-consultant for Hazen and Sawyer for the Regional Reuse Water Master Plan for Broward County, Hazen and Sawyer hired Craven Thompson & Associates, Inc. (CTA) to perform the geospatial analysis, database management, and GIS mapping of all existing, planned, and proposed reuse waterlines in Broward County. Hazen and Sawyer are working under contract with the Broward County Environmental Protection and Growth Management Department to prepare a Regional Master Plan for future of the Reuse Waterlines in Broward. This includes documenting and mapping all of the Parcels that are currently using or



BROWARD COUNTY REGIONAL REUSE MASTER PLAN PROJECT
 EXISTING & PLANNED REUSE LINES AND EXISTING, PLANNED, & POTENTIAL REUSE PARCELS



planning on using Reuse water for irrigation and also analyzing all of the parcels that have the potential to use Reuse water in the future out to year 2035 and beyond. All GIS work was prepared and maintained in an ESRI Geo-database format. The Project includes looking also at future FDOT, MPO, City and County Projects for potential construction and distribution of Reuse water.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 3563 NW 53rd Street Fort Lauderdale, Florida 33309	(3) Role Sub-Consultant - Surveying, Mapping/ GIS
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role



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

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

20. EXAMPLE PROJECT KEY NUMBER

25

21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
Central Broward Water Control District - District Consultant, Florida	PROFESSIONAL SERVICES 2007 - Present	CONSTRUCTION (If applicable) Not Applicable

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Central Broward Water Control District	b. POINT OF CONTACT NAME Mr. Michael Crowley District Engineer	c. POINT OF CONTACT TELEPHONE NUMBER (954) 432-5110
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

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

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT
 (Present as many projects as requested by the agency, or 10 projects, if not specified.
 Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

26

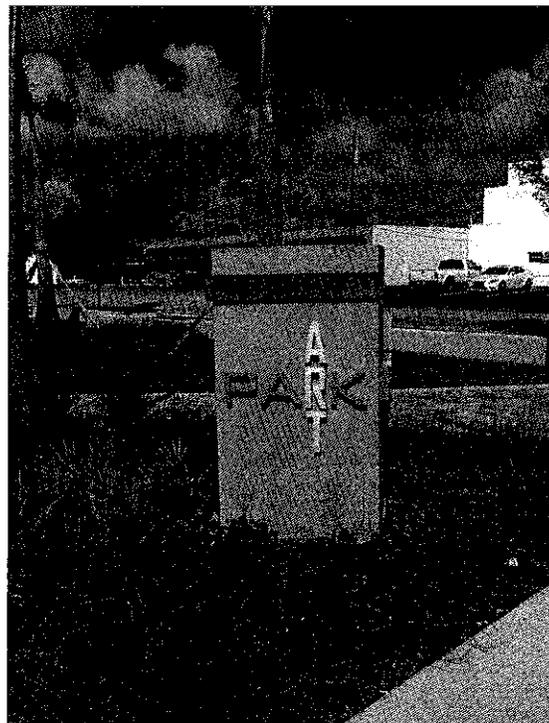
21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Art Park Oakland Park, Florida	2012	2013

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Oakland Park	b. POINT OF CONTACT NAME Mr. Harris Hamid, P.E., Director Engineering & Community Development	c. POINT OF CONTACT TELEPHONE NUMBER (954) 630-4477
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The Urban Art Park is a ¼ acre space in the downtown core of Oakland Park. The park is designed to serve as a venue for art and sculpture installations, but also as a passive relaxing urban park space during times when no art is being displayed. The project consists of retrofitted cargo shipping containers that will serve as pavilions/art gallery spaces, a graffiti wall for ever-changing and evolving public art and podiums/seat blocks that will serve as art displays during art installations and exhibits. On street parking, widened pedestrian walkways, enhanced crosswalks and streetscape planting upgrades were included in the scope of the park. The project is currently under construction. **Craven Thompson provided surveying, landscape architecture and civil engineering services.**



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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



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	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Richard D. Pryce, P.S.M.	V.P., Surveying & G.I.S.	X	X	X		X	X	X	X		X		X	X	X	X	X	X		X				X	X	X	
Douglas Davie, P.S.M.	Surveyor	X	X		X	X				X	X	X			X												X
Thomas Shahan, P.S.M.	Surveyor		X		X		X		X	X		X	X		X	X			X	X	X	X	X	X			
Nicholas Messina, P.S.M.	Surveyor	X		X	X			X	X	X	X	X	X	X	X							X					X
Ray Young, P.S.M.	Surveyor					X	X	X	X	X	X		X	X	X					X	X	X	X	X		X	X
Mark Minter, P.S.M.	Surveyor	X		X			X	X	X					X	X		X	X									

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	North County Neighborhood Improvement Project, NW Quadrant, Broward County.	14	City of Aventura General Consulting Services - Survey Aventura, Florida
2	Transfer of Drainage Reservations and GIS Mapping in Sunshine Ranches, Central Broward Water Control District	15	Apollo Park Survey Pompano Beach, Florida
3	Livable Neighborhoods Improvement Project Miami Gardens, Florida	16	State Road (SR) 7 - US 441 Right-of-Way Survey Broward County, Florida
4	SW/SE 2 nd Street Improvements Survey Fort Lauderdale, Florida	17	Miami-Dade College, Collapsed Parking Garage Survey Miami, Florida
5	N 30 Canal Culvert Extension CBWCD, Florida	18	Sleepy River Bridge Survey & Design Oakland Park, Florida
6	Oakland Park Boulevard Passive Park Sunrise, Florida	19	Sense of Place Signage Oakland Park, Florida
7	Dania Beach Marina Survey Dania Beach, Florida	20	NE 5 th Avenue Reconstruction Oakland Park, Florida
8	North County Neighborhood Improvement Project, NE Quadrant, Broward County, Florida	21	Waterways Park Aventura, Florida
9	Miramar Regional Park - Phases I thru III Miramar, Florida	22	North Collector Drainage Project Aventura, Florida
10	Streetscape Design Surveys for NE 4 th , NE 5 th , SE 6 th , and SE/SW 7 th Streets - DDA, Fort Lauderdale, Florida	23	Eastside Drainage Infrastructure Improvements, Phases I-III Davie, Florida
11	Westside Town Hall Drainage Study & Implementation Davie, Florida	24	GIS for Broward County Regional Water Reuse Master Plan, Broward County, Florida
12	West Wastewater Treatment Plant Survey and Proposed Reclaimed Water Transmission Pipeline Route Survey Margate, Florida	25	Central Broward Water Control District - District Consultant CBWCD, Florida
13	GIS Utility Atlas-Port Everglades Fort Lauderdale/Hollywood, Florida	26	Art Park Oakland Park, Florida



H. ADDITIONAL INFORMATION

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

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

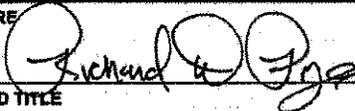
CT&A has been providing professional services to the Tri-County area since the formation of the firm. CT&A has been involved in the **surveying, design, permitting, contract administration and construction management** of numerous Capital Improvement Projects, including roadway design, facilities, parks, the replacement and upgrade of water and sewer lines, new infrastructure, sewage pump stations, storm water drainage projects, and waterway projects. Our experience includes the design and construction of over 6,000 acres of neighborhood improvements in Broward County, including the South County Neighborhood Improvement Project (1,400 acres), Central County Neighborhood Improvement Project (1,800 acres), North Central County Neighborhood Improvement Project (950 acres) and the North County Neighborhood Improvement Projects (1,660 acres) as well as Utility Analysis Zones (895 acres). All of these projects included surveying, studies, modeling, cost estimating, design drawings, technical specifications and construction management for the replacement/rehabilitation of existing roadways and infrastructure and the construction of new drainage facilities, pavement and landscaping. These projects started with a Basis of Design Report that addressed the infrastructure needs of the community and this report was then used as a guideline for future design and construction activities.

CT&A presents many distinct and unique advantages which will assure timely and cost effective completion of projects. These advantages include the following:

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

I. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts

31. SIGNATURE



32. DATE

February 25, 2014

33. NAME AND TITLE

Richard D. Pryce, P.S.M., Vice President, Surveying & G.I.S.



ARCHITECT ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

RLQ # 246-11375

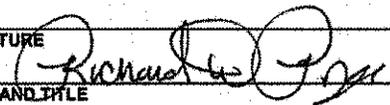
PART II - GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME Craven Thompson & Associates, Inc.			3. YEAR ESTABLISHED 1962	4. DUNS NUMBER 06-362-4910
2b. STREET 3563 N.W. 53 rd Street			5. OWNERSHIP a. TYPE Corporation	
2c. CITY Fort Lauderdale	2d. STATE Florida	2e. ZIP CODE 33309		
6a. POINT OF CONTACT NAME AND TITLE Richard D. Pryce, P.S.M., Vice President, Surveying & G.I.S.			b. SMALL BUSINESS STATUS N/A	
6b. TELEPHONE NUMBER (954) 739-6400		6c. E-MAIL ADDRESS rpryce@craventhompson.com		
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED	8c. DUNS NUMBER
Davis and Craven, Inc./Davis, Craven, Thompson, Inc./Craven Thompson, Inc.			1961 / 1973 / 1975	

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS					
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)	a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH						
02	Administrative	9		A06	Airports; Term. & Hangars	6	L01	Lab.; Med. Research Facilities	3
08	AutoCAD Technicians	5		A08	Animal Facilities	1	L02	Land Surveying	1
12	Civil Engineers	15		A11	Auditoriums & Theaters	1	L04	Libraries; Museums; Galleries	2
15	Construction Inspectors	5		B01	Barracks; Dormitories	1	O01	Office Bldgs.; Industrial Parks	5
16	Const. Management	1		B02	Bridges	1	P05	Planning (Comm., Regional)	1
38	Land Surveyor	17		C06	Churches; Chapels	1	P06	Planning (Site, Installation)	2
39	Landscape Architect	3		C10	Commercial Bldg.; Shopping	6	P13	Public Safety Facilities	3
47	Planners; Urban/Regional	1		C11	Community Facilities	4	R03	Railroad; Rapid Transit	3
				D07	Dining Halls; Clubs; Rest.	1	R04	Rec. Fac. (Parks, Marinas)	6
				E02	Educational Facilities	6	R06	Rehabilitation (Buildings)	2
				E09	Environmental Impact Studies	1	R09	Resources Recov.; Recycling	1
				E11	Environmental Planning	1	R11	Rivers; Canals; Waterways	2
				F02	Field Houses; Gyms; Stadiums	1	S04	Sewage Collection, Treatment	5
				G01	Garages; Vehicle Maint. Fac.	4	S07	Solid Wastes; Incin.; Landfill	5
				H01	Harbors; Ship Terminal Fac.	7	S10	Surveying; Platting; Mapping	1
				H06	High-rise	1	S13	Storm Water Handling & Fac.	6
				H07	Hwys.; Streets; Parking Lots	7	T02	Testing and Inspection Serv.	1
				H09	Hospital & Medical Facilities	5	T03	Traffic & Trans. Engineer	4
				H10	Hotels; Motels	4	T04	Topo. Survey & Mapping	1
				H11	Housing (Res., Apts., Condo)	7	U02	Urban Renewals; Comm. Dev.	9
				I01	Industrial Buildings	5	W01	Warehouses & Depots	1
	Other Employees			I06	Irrigation; Drainage	3	W02	Water Resources; Hydrology	2
	Total	56		J01	Judicial & Courtroom Fac.	3	W03	Water Supply; Treatment	4

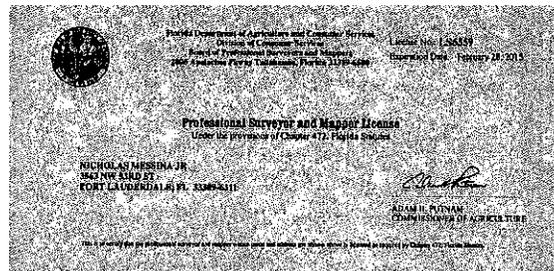
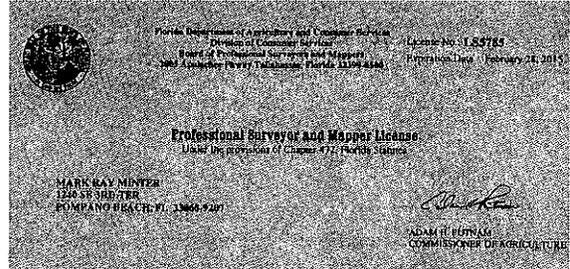
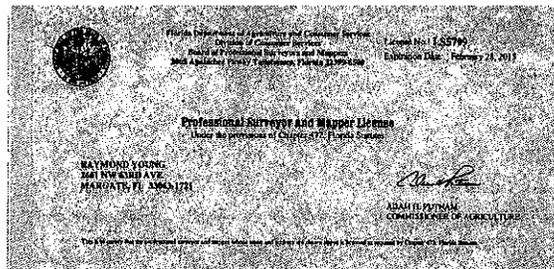
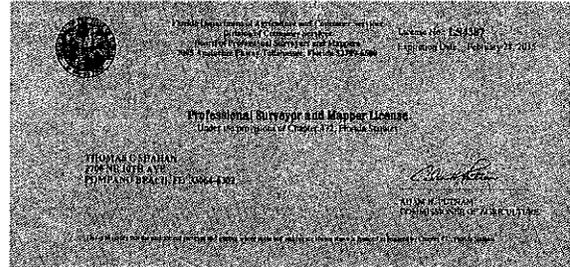
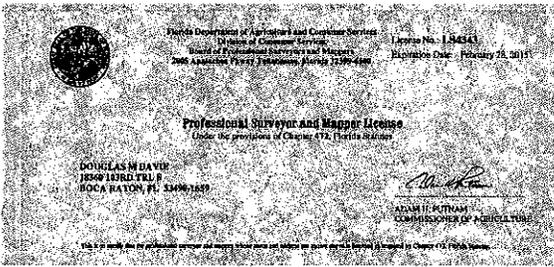
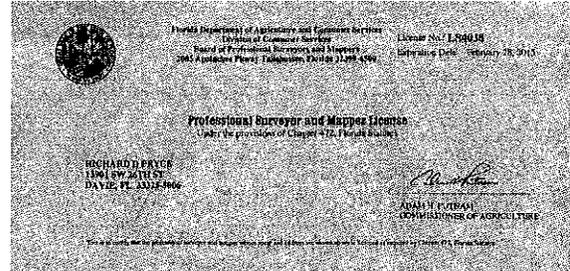
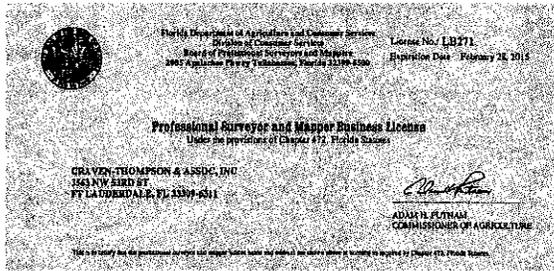
11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work	1	1. Less than \$100,000	6. \$2 million to less than \$5 million	7. \$5 million to less than \$10 million	8. \$10 million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

12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.	
a. SIGNATURE 	b. DATE February 25, 2014
c. NAME AND TITLE Richard D. Pryce, P.S.M., Vice President Surveying & G.I.S.	





CRAVEN THOMPSON'S PROFESSIONAL LICENSES





Section 3 - Qualifications of the Firm

State of Florida Department of State

I certify from the records of this office that CRAVEN, THOMPSON & ASSOCIATES, INC. is a corporation organized under the laws of the State of Florida, filed on January 1, 1962.

The document number of this corporation is 254407.

I further certify that said corporation has paid all fees due this office through December 31, 2014, that its most recent annual report/uniform business report was filed on January 10, 2014, and 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 Tenth day of January, 2014*



Ken Detjmer
Secretary of State

Authentication ID: CC0005227772

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

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CRAVEN THOMPSON



& ASSOCIATES INC.

CRAVEN THOMPSON & ASSOCIATES, INC.
SURVEYING | ENGINEERING | PROJECT MANAGEMENT | LANDSCAPE ARCHITECTURE | PLANNING

SECTION 4



QUALIFICATIONS

Years of Experience

With CTA - 8

With other firms - 34

Affiliations

Past Director - Broward
County Chapter of FL
Surveying & Mapping
Society

State & County Chapters,
FL Surveying & Mapping
Society

American Congress on
Surveying and Mapping

National Society of
Professional Surveyors

Geographic Land
Information Society

Education

A.S. in Criminal Justice,
Broward Community
College (1978)

Registration

Professional Surveyor and
Mapper-FL No. 4038
(1983)

Publications

Co-author POB
Magazine - "22,000
Acres and Counting"
November 1998
Co-author POB
Magazine - "The CAD
Revolution", Sept. 1999

RICHARD D. PRYCE, P.S.M., Principal-in-Charge | Project Manager
Vice President, Surveying and GIS

BACKGROUND

Mr. Pryce has over forty-two years of experience surveying in South Florida. He has specialized in all aspects of the land surveying & mapping profession and has also specialized in developing GIS/Survey applications using ESRI ArcGIS software since 1990. Mr. Pryce has specialized training in BLM PLSS retracement surveys, legal research and resolving boundary disputes. Mr. Pryce has been fully trained on Leica 3D Laser Scanners and 3D Modeling for use in High Density Surveying of Commercial, Historical and Utility Sites. He has also been developing ways to analyze Lidar data for City-wide Storm water and Drainage studies.

Vice President, Surveying & GIS (April 2006 - Present), Craven Thompson & Associates, Fort Lauderdale - Responsibilities include management and supervision of the Survey and GIS Department including 6 PSM's and all production of sketches, legal descriptions, plotting, surveys, coordination of client contracts, and various other survey-related duties as well as our new 3D laser scanning and modeling capabilities.

GIS Coordinator / Service Manager / Professional Surveyor & Mapper (October 1997 - April 2006), Miller Legg & Associates, Inc., Pembroke Pines - Responsibilities as GIS Coordinator / Services Manager included GIS marketing research, Web development, client negotiations, presentations, QA/QC, and Project management of resources and staff on all GIS projects within Miller Legg's five Florida offices. Responsibilities as Senior Surveyor and Mapper included the integration of Survey, GIS, Engineering and Environmental Projects within the company and oversaw and managed large complicated survey projects that had boundary and legal problems. He also managed several Remote Sensing and Aerial Photogrammetry registration and rectification projects for the Environmental department.

President / Owner (October 1992 - October 1997), R.D. Pryce & Associates, Inc., Davie - Specialized in Surveying and GIS base mapping for the Seminole Tribe of Florida. Instrumental in helping the Tribe's Real Estate Services and the Planning & Development Departments to organize and map their immense land holdings, covering approximately 100,000 acres in Florida on the Big Cypress, Brighton, Hollywood, Coconut Creek, Immokalee, Fort Pierce, and Tampa Reservations.

RELEVANT EXPERIENCE

Fort Lauderdale - Hollywood International Airport - Water and Wastewater System Master Plan - Create an updated Water and Wastewater Utility Atlas in ESRI ArcMap format from GPS utility locations and as-built surveys by others. Field locate manholes and lift stations with GPS and verify sewer pipe connections and sizes and then update Broward County GIS database at FLL. Combine GIS/CAD data into ArcGIS platform using BC GIS schema.

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SURVEYING & G.I.S. | PROJECT MANAGEMENT | ENGINEERING | LANDSCAPE ARCHITECTURE | PLANNING

RICHARD D. PRYCE, P.S.M., Principal-in-Charge | Project Manager
Vice President, Surveying and GIS

Fort Lauderdale - Hollywood International Airport Storm Drainage Project – Field locate a portion of storm pipes and culverts and measure rims, inverts, pipe sizes and directions at FLL as directed by EAC Consulting, also cross-section drainage ditches along the South Runway for engineering purposes.

Port Everglades Gantry Crane - Asbuilt of Cable Sag – High Definition Survey – 3D Laser Scan of Gantry Crane in order to measure sag in cable between motor and pulley's 120 feet above ground in radial arm of Crane. Cost: \$2,500.00.

City of Fort Lauderdale – Fiveash Waste Water Treatment Plant Site - Boundary and Topographic Survey of the 18.5 acre Plant Site tied into State Plane coordinates with elevations in NAVD88 Datum. Project to determine overall boundary of Plant property and detailed locations and elevations of everything inside the plant site for design purposes.

Port Everglades Crane Evaluation area for FAA Report – Create a 3D AutoCAD file of Crane Work Areas and compare to 3D Glide Slopes for South Runway of Fort Lauderdale/Hollywood International Airport from Jacobs Engineering to determine conflicts between height of proposed cranes and glide slopes. Produce Exhibits showing crane elevations at specific coordinate locations. Cost: \$3,500.00.

Port Everglades Utility GIS - Create a Utility Atlas in ESRI GIS format from GPS utility locations and as-built surveys for the entire jurisdictional area of Port Everglades, including water, sewer, storm sewer, electric, telecommunications and fuel lines. Cost: \$190,000.

Port Everglades Storm Water Master Plan - Create a Storm water Atlas in ESRI ArcGIS format using GPS utility locations and as-built surveys on every structure within the Port. The project included running 3-wire level loops through 7 NGS benchmarks and setting 188 new benchmarks throughout the port relative to NAVD88 datum. Cost: \$90,000.

Broward County Property Appraisers Office GIS - Parcel Mapping (70,000 acres - 5 Cities) - Project Manager & GIS Coordinator for parcel mapping of the Davie, Sunrise, Pembroke Pines, Cooper City, Hollywood and Unincorporated Broward County, Cost: \$350,000.

3D Laser Survey Collapsed Parking Garage Miami Dade College for Forensic Structural Engineer - Perform 3D laser scans of structural columns and debris piles as they were being removed over a month long process. Scans of bolt patterns and footer pads as well as plumbness of remaining walls and columns for structural engineer for Insurance Company.

3D Laser Scanning portion of Interstate 95 Topographic Design Project - Project Manager and Technical Director of 3D Laser Scan Survey of a portion of Interstate 95 for Broward County Engineering to get topographic elevations across 6 lanes of highway to centerline median wall for design of temporary roadway for construction traffic to offload storm drainage pipes.

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RICHARD D. PRYCE, P.S.M., Principal-in-Charge | Project Manager
Vice President, Surveying and GIS

Margate West Waste Water Treatment Plant Site – Boundary and Topographic Survey of the 12 ac. Plant Site tied into State Plane coordinates with elevations in NAVD88 Datum. Project to determine overall boundary of Plant property, detailed locations and elevations for designing a new Reuse water line design. 3D laser scans were conducted inside the plant site for topographic purposes.

Polaris Project for Florida Gas Transmission, 870 miles of Class 3 & 4 Natural Transmission Pipe Lines in 41 Florida Counties, including Dade, Broward & Palm Beach - Project Manager & Surveyor, GPS and Radio detection locations of all existing Class 3 and 4 Natural Gas Transmission Lines and structures every 200 feet within densely populated areas of Florida. Located pipe lines and surrounding structures and delivered in an AutoCAD and ESRI GIS format for Homeland Security. Cost: \$1,200,000.

Sunrise NW 44th Street, Oakland Park Boulevard, and Nob Hill Road Passive Parks, Sunrise, Florida - Project Manager. Boundary and topographic surveys of the three (3) Passive Park Projects for design purposes, including an extensive tree survey and the review of title documents and encumbrances.

3D Laser Scan Sawgrass Water-Waste Water Plant Project, City of Sunrise - Project Manager and Technical Director of 3D Leica Scan Station design survey of aerial pipes, roadways and buildings between the Blower building and Aeration tanks for redesign purposes. Ongoing 3D laser scanning of additional areas in progress for Hazen & Sawyer.

Oakland Park – Harlem McBride Project - Project Survey Manager, Right-of-way surveys covering NE 5th Ave from Oakland Park Blvd to NE 38 St, and NE 34 St from NE 5th Avenue to Dixie Highway (1.5 miles) Boundary and topographic elevations for the existing right-of-way for street scape designs and 3D laser scanning of roadways to acquire detailed elevation data for drainage

Oakland Park – NE 38th Street Project - Project Survey Manager, Right-of-way surveys covering from Dixie Hwy. west to NW 10th Ave, then North to Prospect Road (2.5 miles) Boundary and topographic elevations for the existing right-of-way for reconstruction design.

Oakland Park Storm Water Management GIS Project - Project Manager and GIS Coordinator, Storm Water Management Analysis & Fee Program, conversion and analysis of existing database system into an integrated GIS ESRI Format tied into the Property Appraiser Parcel database with calculations of Pervious & Impervious areas for fee assessment. Cost: \$75,000.

Town of Davie - GIS Conversion and Website - GIS Coordinator & Project Manager, Conversion of Town's CAD and hardcopy maps to ESRI GIS format and create Town's GIS website and hosted it for 2 years. Cost: \$250,000.00.



DOUGLAS M. DAVIE, P.S.M.

Director of Surveying

BACKGROUND

Mr. Davie has over forty years of experience surveying in South Florida. He has been the Project Manager in numerous large-scale projects such as right of way surveys, preparation of City and County maps and large scale developments. Mr. Davie has performed both field and office work of all types of surveys; expert witness, boundary, topographic, design, route surveys, Mean High Water, as-built, control, hydrographic and location surveys. Mr. Davie is a resident of Boca Raton, Florida.

QUALIFICATIONS

Years of Experience
With CTA - 21
With other firms - 19

Affiliations
Florida Society of
Professional Surveyors
and Mappers

Registration
Professional Surveyor
and Mapper-FL No. 4343
(1987)

Director of Surveying (July 1993 - Present) Craven Thompson & Associates, Inc., Fort Lauderdale - Responsibilities include supervising all production of sketches, legal descriptions, plotting, surveys, coordination of client contracts, expert witness services, and various other survey-related duties.

Senior Field Crew Representative (Nov. 1992-July 1993) Carnahan, Proctor & Associates, Margate - Responsibilities included coordination of field installation of infrastructures and improvements at various sites. Also started-up satellite office in Fort Myers.

Director of Surveying (February 1983 - November 1992) Darby and Way, Inc., Fort Lauderdale - Responsibilities included supervising all production of sketches, legal descriptions, plotting, surveys, coordination of client contracts, and various other survey-related duties.

Survey Party Chief (January 1978 - February 1983) Mid-South Engineering, Inc., Fort Lauderdale - Proficient in all aspects of field surveying.

Survey Party Chief (Jan. 1974 - Jan. 1978) Dade County Parks and Recreation Department, Miami - Field stake-out and mapping.

RELEVANT EXPERIENCE

Port Everglades Terminals 2, 19, 21 & 26 Cruise Terminal Improvements - Supervise construction stakeout and as-builts of various interior and exterior improvements for the terminals.

Port Everglades Crane SP-2 - Supervise field crew using Laser Scanning technology in collecting field data to determine sag deflection of crane cables.

Port Everglades Crane P2 - Supervise field crew obtaining measurements before and after crane boom repair.

Fort Lauderdale / Hollywood International Airport Expansion Program FEC Railroad Topographic Survey - Project Manager - Provided Surveying services for the preparation of a survey of existing conditions of the FEC railway along the east side of the airport for design purposes of the south runway extension over the railroad and US-1 highway.

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DOUGLAS M. DAVIE, P.S.M.

Director of Surveying

City Fort Lauderdale – Downtown Development Authority (DDA) – Streetscape Projects - Project Manager – Oversaw all aspects of preparation of topographic and right of way surveys for over four miles of urban roadways for the purposes of drainage, landscaping and beautification. These surveys included the establishment of rights of way, location of all existing improvements and depiction of elevations for design purposes. Additionally, Mr. Davie reviewed the legal description of the DDA boundary, edited the legal description and prepared a map depicting the boundaries.

Fort Lauderdale / Hollywood International Airport Terminal 4 - Hydrant Fueling Project Surveyor - Coordination and quality control of proposed terminal 4 hydrant fueling lines layout for test holes.

Fort Lauderdale / Hollywood International Airport - FPL relocation for Temporary VOR - Project Surveyor - Preparation of Design Survey and relocation stakeout of FPL duct banks and related facilities.

Infield Parking Garage, Fort Lauderdale / Hollywood International Airport - Project Surveyor - Oversee construction stakeout, as-builts and quality control.

Fort Lauderdale / Hollywood International Airport - Project Manager - Runway 9L/27R Aerial Target placement for low altitude photogrammetry and ground truthing of aerial based topography, preparation of detailed topographic survey.

Fort Lauderdale / Hollywood International Airport - Taxiway A, Fort Lauderdale, Florida - Project Manager - Detailed Topographic Survey of Taxiway A for civil engineering design.

JM Family Airport Facility at Fort Lauderdale Executive Airport - Project Manager Preparation of full boundary, location and topographic survey and preparation of new lease parcels.

Broward County Aviation Department, Boaters Park, Survey for Construction Trailers - Project Surveyor - Prepare Boundary & Topographic Survey.

New River Village, Phase III, Fort Lauderdale, Florida

Surveying Project Manager performing full construction surveying services for a 25 story high-end rental residential building currently under construction.

Broward County Courthouse, Fort Lauderdale, Florida

Surveying Project Manager currently performing surveying services for the construction of the new courthouse and parking garage including layout, as-builts and monitoring services of the buildings.

Sunrise Harbor, Fort Lauderdale, Florida

Prepared a Hydrographic/bathymetric Survey of the Sunrise Harbor Marina prior to and after dredging operation between the existing docks to verify elevations.

North Perry General Aviation Airport - Fence Replacement - Project Manager - Detailed Topographic survey of eastern boundary for fence replacement.

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DOUGLAS M. DAVIE, P.S.M.

Director of Surveying

City of Sunrise Water and Wastewater Treatment Plants - Supervise construction stakeout, as-builts and topographic surveys of Sawgrass Wastewater, Sawgrass Water, Springtree Water, Park City Water, Southwest Water and Southwest Wastewater plants.

Deerfield Beach West Water Treatment Plant - Supervise construction stakeout, as-builts and topographic surveys.

South County Neighborhood Improvement Project, Broward County - Project Manager - Design and As-built Surveys.

Central County Neighborhood Improvement Project, Broward County - Project Manager - Design and As-built Surveys.

North County Neighborhood Improvement Project, Broward County - Project Manager - Design and As-built Surveys.

North Perry General Aviation Airport - Runway/Taxiway Surveys - Project Manager - Detailed Topographic surveys of taxi-ways and runways for pavement overlays and extensions.

North Perry General Aviation Airport - Landscape Design Survey - Project Manager - Detailed Topographic survey of airport perimeter for landscape design.

Town of Davie - Westside Town Hall Drainage Study - Project Surveyor - Prepare drainage route design survey. Prepare 5 Acre survey for retention area.

Town of Davie - Oakes Fire Station - Project Surveyor - Prepare various sketch and legal descriptions for creation and vacation of easements.

Broadview Estates, Broward County, Florida - Project Manager - Design and as-built surveys.

Broadview Park, Broward County, Florida - Project Manager - Design and as-built surveys.

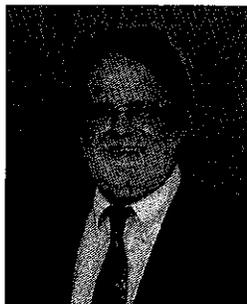
Tri-Rail Authority Double Tracking and New River Bridge, Dade, Broward and Palm Beach - Project Manager - GPS control, Construction Monitoring, Mean High Water Survey, Design and as-built surveys.

Banyan Bay Marina, Dania Beach - Supervise the preparation of full boundary, location and topographic survey, including calculations of FAA Part 77 Clear Zones for Fort Lauderdale-Hollywood International Airport to determine maximum building design heights.

Taha Marina, Pompano Beach - Preparation of boundary and location survey along with re-plat of property.

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QUALIFICATIONS

Years of Experience

With CTA - 29

With other firms - 10

Education

Two Year Vocational
Drafting Degree

ICS Mail Correspondence
Course for Surveying and
Drafting

Affiliations

Florida Society of
Professional Surveyors
and Mappers

Registration

Professional Surveyor
and Mapper-FL No. 4387
(1987)

THOMAS C. SHAHAN, P.S.M.

Project Surveyor

BACKGROUND

Mr. Shahan is an experienced surveyor and has performed many different aspects of his profession, including Project Surveyor, Field Crew Supervisor, Computer Draftsman and Crew Chief. He has been responsible for many different types of surveys including hydrographic, boundary, topographical and construction layout of various subdivisions and geodetic control projects. He has supervised many Florida Department of Transportation projects, both coordination of field crews and supervision of right-of-way preparation.

Project Surveyor (June 1997 - Present) - Craven Thompson & Associates, Inc., Fort Lauderdale - Responsibilities include project management, quality control and project calculations.

Field Supervisor, FDOT Crews (June 1993 - June 1997) - Carnahan, Proctor & Assoc., Margate - Responsibilities included supervising F.D.O.T. crews, in charge of project coordination, calculations, delivery of finished product and invoicing.

Field Crew Supervisor (April 1992 - June 1993) - Craven Thompson & Associates, Fort Lauderdale - Responsibilities included supervising three (3) field crews including research of records and checking of field notes to support field work.

Director of Survey Office Dept. (May 1989 - April 1992) - Craven Thompson, Fort Lauderdale - Responsibilities included being in charge of production of survey drawings, maps, calculations and coordination with Survey Field Department.

Director of Surveying (April 1987 - May 1989) - Craven Thompson, West Palm Beach, Florida - Responsibilities included being in charge of administrative related functions including marketing, production, and coordination with clients & governmental agencies. Supervised three field crews.

Senior Computer Draftsman (December 1983 - April 1987) - Craven Thompson, Fort Lauderdale - Responsibilities included being in charge of calculations, computations, preparation of right-of-way maps and boundary plats.

Crew Chief (October 1979 - December 1983) - Craven Thompson, Fort Lauderdale Responsibilities included being in charge of survey field crew for hydrographic, boundary and topographic surveys, also construction layout of various subdivisions and geodetic control projects.

Crew Chief (October 1977 - October 1979) - Winningham and Lively, Inc., Oakland Park - Responsibilities included being in charge of survey field crew for construction and site layout of various subdivisions, mortgage surveys and acreage surveys.

Apprentice (July 1973 - October 1977) - Winningham and Lively, Inc., Oakland Park - Apprenticeship program, advanced from rod person to instrument person, and then crew chief.

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THOMAS C. SHAHAN, P.S.M.

Project Surveyor

RELEVANT EXPERIENCE

G.T. Lohmeyer Waste Water Treatment Plant, City of Fort Lauderdale - In responsible charge of project research, calculations, supervision of field crews and office personnel, preparation of as-built and topographic survey for the replacement of existing storage tanks and 54" force main pipe.

Port Everglades Plats, Fort Lauderdale - Preparation of four (4) plats for the Port Everglades Authority. Supervision of field crews for boundary surveys to determine plat limits. Coordinate with the Port's Planning Department to plat all remaining parcels within the Port's limits. Supervision of calculations and submittal of plat to County and City agencies.

North Broward Hospital District Office Building-Block 35, Fort Lauderdale - Project Manager - Boundary Survey, Design Survey, Prepare Sketch & Descriptions for utility easements.

Imperial Point Medical Office, Fort Lauderdale - Project Surveyor - Preparation of Survey Geometry Plan for new building and parking reconfiguration.

North Broward Hospital District Office Building-Andrews Ave, Fort Lauderdale, Florida - Project Manager - Preparation of Boundary & Topographic Surveys.

Brickell Redevelopment Project, Fort Lauderdale - Calculations and preparation of documents for parcel designation and licensing agreements, meet with architect and private developer for coordination of site planning.

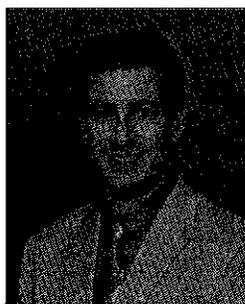
City of Sunrise Southwest Waste Water Treatment Plant, City of Sunrise - Design survey and topographic location, including location of buried utilities for engineering design purposes.

SW Water & Waste Water Treatment Facility, Town of Davie - Prepare a boundary and topographic survey for design purposes in conjunction with facilities renovations by MWH Global.

Sleepy River, City of Oakland Park - Prepare Topographic survey for engineering purposes of NW 33rd Street from NW 3rd Avenue to the western terminus in the Sleepy River Area. The survey included recovery of sufficient right-of-way boundary monumentation to determine right-of-way limits; location of the aboveground visible improvements within the right-of-way limits and preparation of survey in AutoCAD Version 2006 drawing file format. In addition, we obtained cross-section elevations at 100 foot intervals on the full right-of-way. We obtained rim and invert elevations on all storm water catch basins and manholes, sanitary manholes, water main gate valve boxes, and any visible above ground feature which was susceptible to changes.

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NICHOLAS MESSINA, JR., P.S.M.

Project Surveyor

BACKGROUND

Mr. Messina has over fifteen years of private sector experience surveying in South Florida. He has been the Project Surveyor/Manager for variety of surveys such as ALTA/ACSM Land Title, As-Built, Boundary and Topographic, Control and Quantity Surveys. He has ten years of public sector experience in civil service employee with six years working in remote Alaskan communities as an Engineering / Surveying Technician working both in the field and office preparing a variety of survey projects and drawings. Mr. Messina is experienced with AutoCAD Civil 3D and Land Development Desktop software in the Engineering/Surveying field.

Craven Thompson & Associates, Inc., Fort Lauderdale (May 1999 - Present)

- **Project Surveyor (July 2006 - Present)** - Responsibilities include project management; quality control and project calculations; preparation of Boundary and Topographic; ALTA/ACSM; as-builts; control and quantity surveys; geometry plans; and Sketch and Descriptions.
- **Senior Survey Technician (May 2001 - July 2006)** - Responsibilities were the same as Survey Technician with additional responsibilities to include processing Trimble GPS Data files and maintaining CAD standards for the Survey Department; and responsible for assisting and supporting the production and quality control of work performed by the Survey Technicians.
- **Survey Technician (May 1999 - May 2001)** - Responsibilities included the downloading and TDS electronic field book data for the production of sketches, legal descriptions, plotting, surveys, boundary, topographic, ALTA/ACSM surveys, as-built, control and location surveys and geometry plans under the supervision of a Florida Licensed Surveyor and Mapper; created Digital Terrain Models (DTM) to create contours, earthwork designs, and calculating earthwork quantities; and coordination of client contracts.

U.S. Public Health Service, Indian Health Service, Anchorage, Alaska, Engineering/Survey Technician (1993 - May 1999) - Responsibilities included: surveying tasks required to create the AutoCAD base maps and design survey for the planning, design and construction of sanitation facilities; project planning such as meeting with the Aerial Mappers, Engineers and Const. Foreman; responsible for all travel, equipment and survey supplies; arranged and coordinated the hiring of local day labor and provided on the job training needed for an effective survey crew. Was often required to travel alone to remote Alaskan communities and was both Party Chief and Instrument Man for various surveying tasks including boundary/control, topographic and bathymetric surveys needed for the design phase of the project; input/reduction of all survey and as-built surveys under the direction, supervision and assistance of a Registered Land Surveyor. Engineering related tasks included creating Digital Terrain Models of existing ground conditions for the production cross-sections and plan & profile drawings of water, sewer mains and rural roadway designs and earthwork designs such as sewage lagoons and water storage tank and water treatment plant pads that are often shaped into and high atop mountainous terrain to balance the cut and fill quantities.

QUALIFICATIONS

Years of Experience
 With CTA - 15
 With other firms - 9

Education

Associate of Science,
 Surveying and Mapping
 (1999), University of
 Alaska, Anchorage

Affiliations

Florida Society of
 Professional Surveyors
 and Mappers

Registration

Professional Surveyor
 and Mapper-FL No. 6559
 (2006)

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NICHOLAS MESSINA, JR., P.S.M.

Project Surveyor

Civil Engineering Support Agency, USAF, Panama City Engineering Aide (1990 - May 1993) - Produced AutoCAD drawings of airfield pavement layouts, charts and graphs needed for the evaluation of airfield runway pavement conditions. Installed, configured, customized, and maintained efficient AutoCAD (r10-r12) computer workstations. Was responsible for training new employees in AutoCAD software and production of technical drawings and reports.

RELEVANT EXPERIENCE

Fort Lauderdale / Hollywood International Airport Expansion Project Conceptual Design - Prepared preliminary Quantity Calculations for the Fort Lauderdale Airport Expansion Project Conceptual Design project.

Fort Lauderdale / Hollywood International Airport Wastewater Master Plan - Prepared as-built survey of the wastewater utilities for a GIS master plan.

Fort Lauderdale / Hollywood International Airport Terminal 4 - Hydrant Fueling Staked out proposed terminal 4 hydrant fueling and obtained test hole location.

Port Everglades Utility GIS - GPS utility locations and as-built surveys for the entire jurisdictional area of Port Everglades, including water, sewer, storm sewer, electric, telecommunications and fuel lines.

Interim, Central and Wheelabrator Landfill, Fort Lauderdale - Prepared Topographic and Quantity Calculations for annual updates and quantity fill calculations.

Mediterranean Village Apartments, Fort Lauderdale - Project Manager responsible site layout, construction layout, and prepared Final survey for Mediterranean Village Apartments.

NW 7th Avenue & NW 9th Avenue Connector - Conducted a horizontal control GPS static survey utilizing Florida Department of Transportation field and post processing procedures using Hector Vector software.

North Central County Neighborhood Improvement Project - Project Manager responsible preparing the Topographic Survey of the existing conditions survey for engineering design purposes.

Treasure Cove Villas, Dania Beach - Project manager responsible for subdividing, lot layout, construction stakeout and prepared Final survey.

State Road A1A - Port St. Lucie and Delray Beach - Responsible for training the field crew in Florida Department of Transportation (FDOT) field procedures and FDOT Electronic Field Book (EFB) data collection software.

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RAYMOND YOUNG, P.S.M.

Project Surveyor

BACKGROUND

Mr. Young has thirty-two years of experience surveying in South Florida. He has performed both field and office work on a variety of projects both large and small. He is experienced in all aspects of surveying including boundary, topographic, construction layout, ALTA mortgage, as-built, control and location surveys. He has prepared numerous plats and has been involved in the recordation of these plats.

QUALIFICATIONS

Years of Experience
With CTA - 20
With other firms - 12

Education
Broward County
Community College

Affiliations
Florida Society of
Professional Surveyors
and Mappers

Registration
Professional Surveyor
and Mapper-FL No. 5799
(1998)

Project Surveyor (August 1993 - Present), Craven Thompson & Associates, Inc., Fort Lauderdale - Responsible for preparation and permitting of engineering plans. Preparation of site plans, plats, surveys and sketch and descriptions.

Party Chief (August 1987 - August 1993), Bruce Carter & Associates, Inc., Delray Beach, Florida - Responsible for field layout and drafting of various jobs.

Party Chief (December 1982 - August 1987), Darby & Way, Inc., Fort Lauderdale - Responsible for field layout of various jobs.

RELEVANT WORK

Shirley Small Community Park, Fort Lauderdale, Florida

Preparation of Boundary Survey consistent with City of Fort Lauderdale standards, including determination of boundary location from field control and setting of boundary monuments, location of existing improvements within 10' of the boundary lines including the seawalls along the Intracoastal waterway.

Las Olas Del Mar, Fort Lauderdale, Florida

Preparation of Boundary Survey consistent with City of Fort Lauderdale standards, including determination of boundary location from field control and setting of boundary monuments, location of existing improvements within 10' of the boundary lines including the seawalls along the Intracoastal waterway.

Avenue Lofts, Fort Lauderdale, Florida

Project Manager. Preparation of Boundary and Topographic survey for five buildings comprising the Avenue Lofts residential project. Preparation of calculations for construction layout including buildings corners, building column control, utilities, roadways, concrete improvements.

Springtree Wastewater Treatment Plant, Sunrise - Project Manager. Prepare Boundary and Topographic survey of various portions of the site with attention to pipe and structure details.

Sawgrass Wastewater Treatment Plant, Sunrise - Project Manager. Prepare Boundary and Topographic survey of various portions of the site with attention to pipe and structure details.

RAYMOND YOUNG, P.S.M.

Project Surveyor

Flamingo Key Sewer Expansion, Sunrise, Florida

Project Manager. Preparation of 0.75 mile Boundary and Topographic survey for new sewer line expansion route along Flamingo Road, N.W. 8th Street and N.W. 126th Avenue.

Sawgrass Mills Mall, Sunrise, Florida

Project Manager. Preparation of Boundary and Topographic survey for the entire mall site. Preparation of calculations for construction of several sites within mall site including Wannado, Colonnade, P.F. Changs Restaurant, Villagio Restaurant, Oasis Expansion and Parking Garage Expansion.

Margate Wastewater Treatment Plant, Margate - Project Manager. Prepare Boundary and Topographic survey of various portions of the site with attention to pipe and structure details.

Ravenswood Transit Facility, Dania Beach - Project Surveyor. Prepare boundary and topographic survey and preparation of plat for recordation.

Biscayne Boulevard Decorative Street Light Improvements, Aventura - Project Manager. Preparation of topographic survey for several portions of Biscayne Boulevard. Preparation of calculations and setting of baseline for construction layout, including the location of improvements for engineering design.

NE 191 St./NE 188 St./NE 185 St. Milling and Re-surfacing Project, Aventura

Project Manager. Preparation of topographic survey for full right of way of streets listed. Preparation of calculations and right of way location for engineering design.

Williams Island Boulevard Milling and Re-surfacing Project, Aventura, Florida

Project Manager. Preparation of topographic survey for full right of way of Williams Island Boulevard east of Biscayne Boulevard. Preparation of calculations and right of way location for engineering design.

Aventura Mall, Aventura, Florida

Project Manager. Preparation of boundary and topographic survey for Nordstom and parking garage expansion. Preparation of calculations for construction layout including buildings, roadways, lighting, concrete improvements.

Margate Raw Water Line, Margate, Florida

Project Manager. Preparation of a 1.5 mile Boundary and Topographic survey for new raw water line route along Rock Island Road, from N.W. 9 Court north to N.W. 30 Street. Preparation of a Boundary and Topographic survey for the wastewater treatment plant on N.W. 61 Avenue for tie in of raw water line.



MARK MINTER, P.S.M.
Project Surveyor

BACKGROUND

Mr. Minter is an experienced surveyor with over 38 years surveying. He has performed many aspects of surveying in many different capacities including Project Surveyor, Field Crew Supervisor and Survey Crew Chief. He has surveyed several large scale projects from the beginning (design) to end (final construction) phases. Mr. Minter has also performed field and office work in boundary, route surveys, as-built, route, quantity, topographic, hydrographic, and location surveys. Mr. Minter is also fully trained on Leica 3D-Laser Scanners and 3D Modeling for use in High Density Surveying, he has used this technology on several projects to obtain much needed critically accurate information under unique circumstances.

Project Surveyor (2006 - Present) - Craven Thompson & Associates, Inc. - Current responsibilities include a variety of types of surveys covering plats, construction, mortgage, subdivision, layout, boundary, condominium, water boundary, flood control, right-of-way, as-built and control surveys. Preparation of site plans, plats, surveys, sketch & descriptions, survey control plans, and right-of-way maps.

Field Crew Supervisor (2004 - 2005) - Craven Thompson & Associates, Inc., Fort Lauderdale- Responsibilities include coordination of 7 field crews. Works closely with jobsite managers and engineers on boundary, roadway design, construction and special purpose surveys. Also responsible for crew administration, vehicle maintenance, crew safety, ordering and maintenance of supplies & equipment.

RELEVANT WORK

Fort Lauderdale - Hollywood International Airport - Water and Wastewater System Master Plan – Create an updated Water and Wastewater Utility Atlas in ESRI ArcMap format from GPS utility locations and as-built surveys by others. Field locate manholes and lift stations with GPS and verify sewer pipe connections and sizes and then update Broward County GIS database at FLL. Combine GIS/CAD data into ArcGIS platform using BC GIS schema.

Fort Lauderdale - Hollywood International Airport Storm Drainage Project – Field locate a portion of storm pipes and culverts and measure rims, inverts, pipe sizes and directions at FLL as directed by EAC Consulting, also cross-section drainage ditches along the South Runway for engineering purposes.

Port Everglades Passenger Bridge Load Study, Fort Lauderdale - Project Manager. Study of mobile passenger loading bridges for stress from empty to under maximum load for durability and structure failure. This was in response to the failure of the loading bridge to the Queen Mary II.

QUALIFICATIONS

Years of Experience

With CTA - 8
With other firms - 30

Education

Stockton State College
(1972 - 1974)

Affiliations

Florida Society of
Professional Surveyors
and Mappers

Registration

Professional Surveyor
and Mapper-FL No.
5785 (1998)

Security Badges

SIDA Access Clearance
for Fort Lauderdale /
Hollywood
International Airport
Port Everglades
Access Clearance -
Petrol, Passenger,
Cargo and Dock
Transportation
Workers Identification
Credential

MARK MINTER, P.S.M.
Project Surveyor

River Oaks-City of Fort Lauderdale - 3-D Laser Scanning of approximately 5 miles of roadway to create a Three Dimensional Terrain Model for Drainage Studies.

NW 44th Street Passive Park and Oakland Park Boulevard Passive Park, Sunrise - Project Manager. Topographic survey of sites for design of future parks for recreation and natural preserves. Project size is 40+ acres. Const. Cost: \$8 Million.

Harlem McBride Drainage Improvements, Oakland Park - Project Manager responsible for 3-D High Definition Laser Scanning. Design of 1.5 mile of road and rights-of-way. Project cost - \$1 Million.

Garden Acres (Residential & Industrial), Oakland Park - Project Manager. Topographic survey of sites for design of future Utilities and Roadway improvements.

City of Miami Gardens Livable Neighborhoods, Miami Gardens - Project Manager. Design survey of four areas of Miami Gardens. Total size - Approx. 190 acres plus. Survey existing roadways and common use areas for re-design. Approx. total project cost - \$15 Million.

CityPlace, West Palm Beach - Project Manager. Construction of 55+ acres of infrastructure, roadways and buildings, retail and residential, as-builts of the same. Total construction cost - \$550+ Million.

NCNIP Bid Package 9, 10, and 11 - Prepare Record Drawings of Water, Sewer, Drainage and Reclaimed Water from contractors' as-builts. This also requires 30% field verification of contractor's as-builts.

NCCNIP UAZ-308 - Prepare Record Drawings of Water, Sewer and Drainage from contractors as-builts. This also requires 30% field verification of contractor's as-builts.

Nob Hill Passive Park-Sunrise - Surveying services as requested.

Government Cut Utilities (Fisher Island & Port of Miami Waterways) - Survey of two 100 foot deep Culvert shafts for the set of tunneling under the Port waterways between the shafts using Global Positioning Systems, Conventional Survey Methods together with 3-D Laser Scanning for the Micro tunnel equipment.

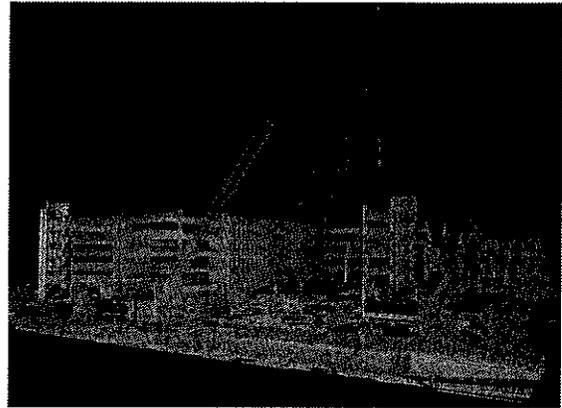
SECTION 5

SECTION 6



APPROACH TO THE SCOPE OF WORK

Craven Thompson and Associates' (CTA) Survey department is led by Richard D. Pryce, P.S.M., who is the Vice President of Surveying and G.I.S. He has over 42 years of experience in Surveying and Mapping and 23 years of experience in Geographic Information Systems (GIS). The department consists of six (6) registered Professional Surveyors & Mappers (PSM's) with five (5) two-man field crews. There is a combined experience of 175 years in every aspect of the Surveying and Mapping profession between all of the P.S.M.'s at CTA.



Mr. Pryce will act as the overall Project Manager (PM) and be the main point of contact to the City of Fort Lauderdale, and Mr. Douglas M. Davie, P.S.M., will be the Assistant Project Manager. Each Surveyor will have the responsibility of overseeing the projects assigned to them from start to finish. They will all report to Mr. Pryce on a daily and/or weekly basis depending on the size and scope of the project. They will keep track of the budget, the scope and the timeframe to ensure each project is completed and delivered to the client in an efficient and timely manner. They will keep the PM informed on any issues that may come up during the course of performing a survey so that whatever the issue is, it can be resolved quickly to prevent any delays. The Professional Surveyors and Mappers are also the ones that will sign and seal the survey work that falls under their direct supervision; this ensures their taking ownership and responsibility in regard to the quality and pride of the work performed.

CTA's Survey department will work closely with the City of Fort Lauderdale staff on each project. Mr. Pryce, the PM, will call, email, or visit the staff as each project is proposed in order to work out the details in the scope and make it clear to both sides. He has the training and experience to assist the City as much or as little as they want on any type of Surveying or GIS Project providing a clear line of communication in getting things accomplished efficiently and cost effectively.

Our approach to doing any Surveying and Mapping or GIS project would follow a similar scenario as described below:

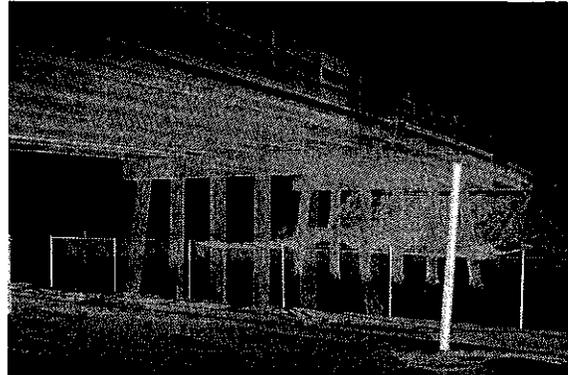
The PM is contacted by the City for a potential Survey or GIS project. The PM gets the initial scope by phone, email, etc. and then follows up with reviewing the project on the





Property Appraiser's website, looking for details through copies of the recorded plats or other Public Record documents that are quickly available, and reviewing the site first by Aerial photography using either the Property Appraiser's aerials, Google Earth or Bing websites, or if not satisfied visiting the site in person.

Once the preliminary review is complete, which is usually within the next 24 hours, we would put together a proposal and a list of questions that we may have for the client. The preliminary review is the most critical component when it comes to putting a concise proposal together that will meet the client's needs and supply us with the basics we need to prepare it. Preliminary review will help speed the process along and help us to understand the client's needs



better so we can give them a better product in the end as well. Once the preliminary review is completed, then we will prepare a written proposal describing in detail what the goal is, the scope, the procedures, the equipment, the standards we are to meet, the timeframe and the approximate delivery date and proposed cost.

Once the project proposal is approved and the Notice to Proceed is given, then the plan for any project will be for the PM to decide on which P.S.M. will be assigned to the project. He or she will prepare a file with all of the existing records and documents associated with the project found during the preliminary review. The P.S.M. assigned to the project will then review the documents and prepare a preliminary calculation sheet piecing together all of the documents, the survey control monumentation to look for, the benchmarks to use, and the steps the P.S.M. wants the Survey crew to perform in the field.

The survey crew assigned to a particular project will be with that project from start to finish so that they become as familiar as the P.S.M. with what the project entails, what they have done to date, and what still needs to be done in order to finish their field work.

Every day the field survey crew is on the job, they are collecting data about the job, identifying and measuring structures, fences, utilities, pavement, trees, if necessary, and survey boundary monumentation that helps to establish ownership and limits of the project. The notes go to the P.S.M. assigned to the Project and he reviews them with the crew every day and determines if the crew's work is completed or they are still need additional notes. If they are done, he allows them to be assigned to another project. During the field work process, the P.S.M. will be assembling the field notes on a daily basis and progressing through the project drawing with a day or two after the crew hands them in.





The P.S.M. will finalize the survey drawing and hand it off to another P.S.M. that will do a QA/QC process on it, make suggestions, and provide a valuable second set of eyes to look at the overall project for completeness and assurance of quality. At this time, the client will be contacted and determine the sets of signed and sealed drawings needed for submission and the electronic copies for delivery.

TYPE OF WORK AND EQUIPMENT

In addition to conventional boundary topographic and construction surveys, we have the experience to provide the latest in **3D Laser Scanning - High Definition Surveying**, Geodetic Control, PLSS Retracement, Hydrographic, Cadastral, Photogrammetric Control, Right-of-Way and Construction Surveys. We also have personnel and equipment to determine tidal datum's and water boundary lines and can provide expert witness testimony. Through the utilization of our Global Positioning System, **3D Laser Scanner** and total stations with state-of-the-art data collectors, our survey data can be imported into a CAD or GIS environment which can be plotted or transferred to our clients via email, FTP, or on CD/DVD. CTA continues to refine and adapt CAD and GIS to a broad spectrum of uses. This blend of high technology with personalized service forms the core of every CTA project. CTA's equipment includes the Hydrolite-TM for its portability and Hydrographic survey solutions. We find that the use of this product provides us with flexibility for getting into areas that require smaller more versatile boats and still provides the accuracy from our Trimble Survey grade receivers.

WORKLOAD

Our current workload is such that we can handle anything the City of Fort Lauderdale needs in regard to Surveying, Mapping or GIS. We have recently put on a 6th Survey crew in order to meet future needs of all of our clients and we are committed to providing the City with top quality individuals as well as the experience behind them to meet or exceed their expectations. We have worked and consulted with the City for several years under multiple Project managers and have met the goals and expectations on everything we've done in the past and will continue with top quality work in the future.



SECTION 7



REFERENCES

1. CITY OF OAKLAND PARK

Mr. Harris Hamid, P.E., Director of Engineering
5399 N. Dixie Highway
Oakland Park, Florida 33334
Phone No.: (954) 630-4477
Facsimile No.: (954) 561-6296
Email Address: harrish@oaklandparkfl.org

PROJECT: GARDENS ACRES NEIGHBORHOOD IMPROVEMENT PROJECT (GANIP)

Year Design & Analysis on Project Started: 2010

Year Construction on Project Completed: 2013

Awarded Construction Cost: \$2,959,574.70

Change Orders: Reduction - (\$315,202.600), Final Amount - \$2,644,372.10

Garden Acres is a single-family residential neighborhood with an area of approximately 24 acres. Prior to implementation of the drainage improvements the area did not have a storm water drainage system. The roadway runoff sheet flowed into the adjacent house lots where it caused temporary flooding and eventually percolated into the ground. The new drainage system consists of 4" deep roadway swales, drainage pipes and structures, exfiltration trenches and two controlled discharge points into an existing drainage system located within the NE 6th Avenue right-of-way. The project also included major roadway, water and sanitary sewer improvements. The water improvements consisted of 5,591 linear feet of 6" diameter main, and 962 linear feet of 8" diameter main. The sanitary improvements consisted of 7,045 linear feet of 8" diameter sewer, 218 linear feet of 4" diameter forcemain, and 1,044 linear feet of 6" diameter forcemain. Improvements included two lift stations. Craven Thompson provided **surveying**, engineering, and construction services.





2. CENTRAL BROWARD WATER CONTROL DISTRICT

Mr. Michael Crowley
District Engineer
8020 Stirling Road
Hollywood, FL 33024
Phone: (954) 432-5110
Fax: (954) 432-8603
Email: mtcrowley@bellsouth.net

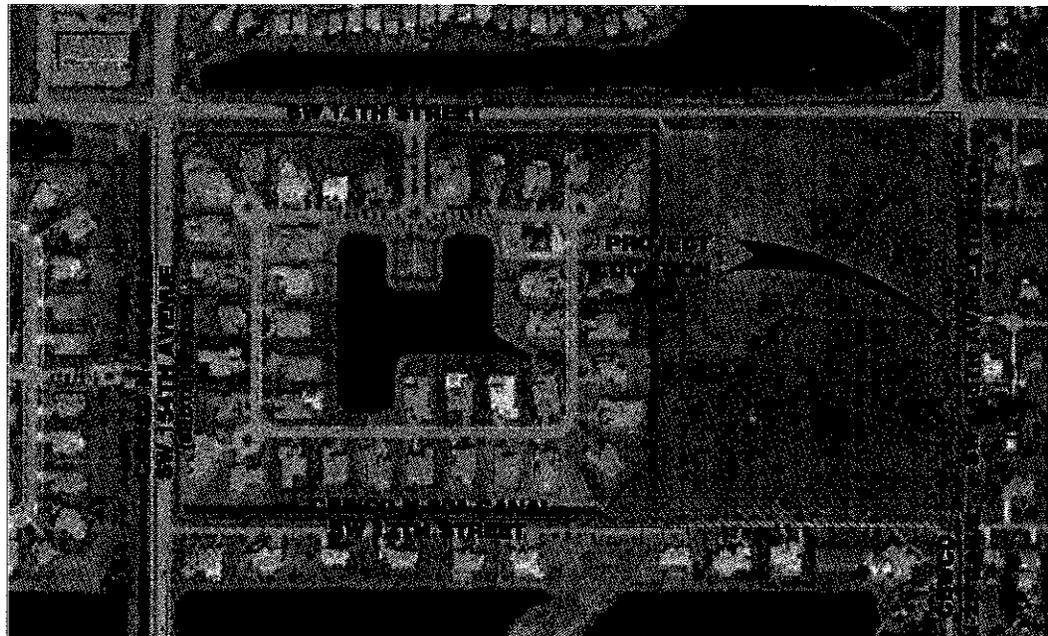
PROJECT: CANAL N30 CULVERT EXTENSION

Total Construction Cost (Including Change Orders): \$747,018.00

Project Start: 2009

Project Finish: 2012

We provided **survey layout**, final engineering design, environmental and surface water permitting, and bid phase services for a 60" pipe interconnect and ancillary drainage facilities, including a 48" storm water check valve for the culverting of the N30 canal owned by the Central Broward Water Control District. This canal is adjacent to SW 17th Street and the SW 145th Avenue Extension. Construction started in early 2012.





3. CITY OF AVENTURA

Mr. Antonio Tomei
Capital Projects Manager
19200 West Country Club Drive,
Aventura, FL 33180
Phone: (305) 466-8923
Fax: (305) 466-8919
Email: tomeit@cityofaventura.com

PROJECT: FOUNDERS PARK SURVEY UPDATE

Survey Contract Amount: \$1,425.00

Project Start: 2013

Project Finish: 2013

Providing additional surveying services for expanding the concrete on the south side of the SplashPad by 25 feet, removing the aluminum fence, installing a decorative sun shelter that will extend 12 feet from the perimeter of the new Sun Pad, and installing new landscaping and irrigation.





4. CITY OF POMPANO BEACH
 Ms. Alessandra Delfico, P.E.
 City Engineer/Capital Projects Manager
 1201 NE 5th Avenue
 Pompano Beach, FL 33060
 Phone: (954) 786-4144
 Fax: (954) 786-4028
 Email: alessandra.delfico@copbfl.com

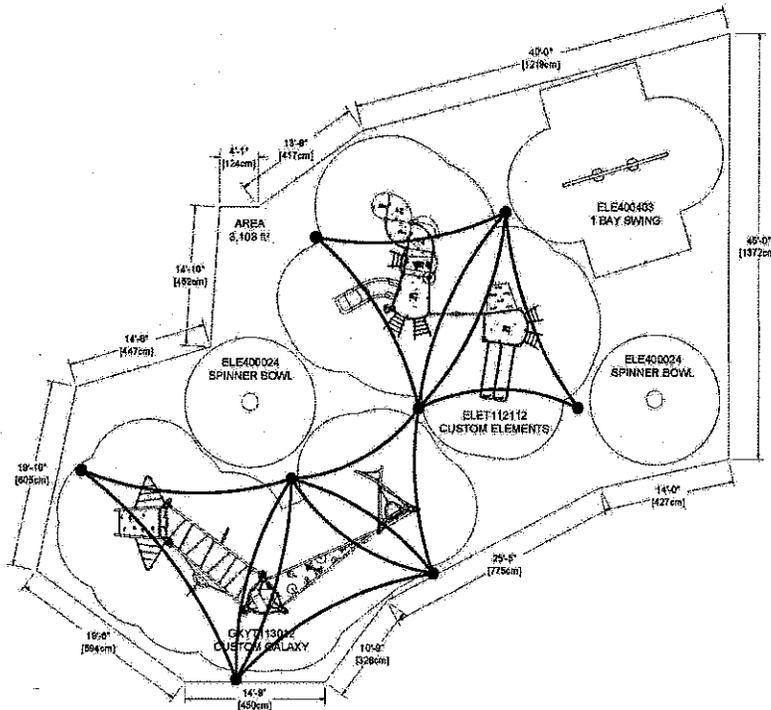
PROJECT: APOLLO PARK SURVEY

Survey Contract Amount: \$9,500.00

Project Start: 2013

Project Finish: 2013

Craven Thompson & Associates, Inc. was retained by the City of Pompano Beach to prepare a boundary and topographic survey for the City's Apollo Park consisting of 4.37 acres, located at 240 NW 16th Avenue in Pompano Beach. The City was upgrading the park by installing new surfacing, new playground equipment and shade canopies.





5. CITY OF DANIA BEACH

Mr. Dominic Orlando, P.E.
Director of Public Services
100 Dania Beach Boulevard
Dania Beach, FL 33004
Phone: (954) 924-3740
Fax: (954) 921-2604
Email: dorlando@ci.dania-beach.fl.us

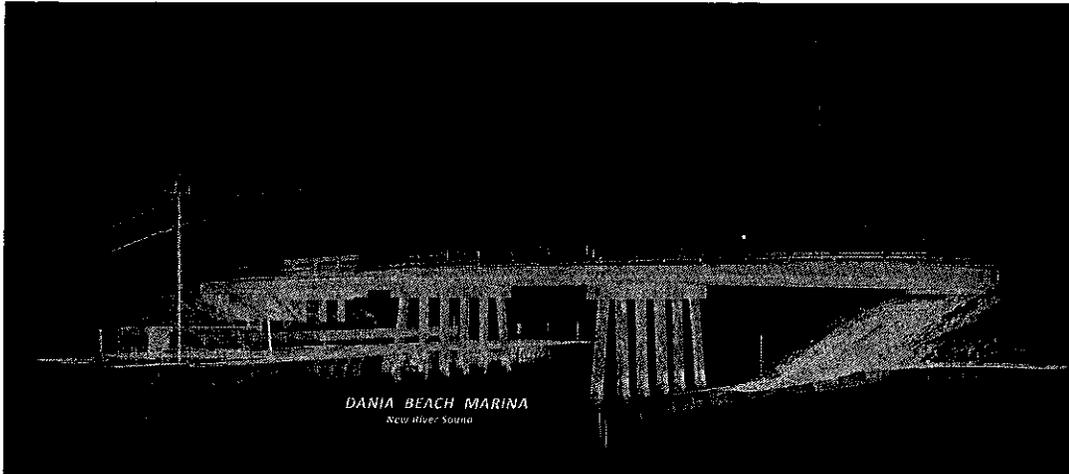
PROJECT: DANIA BEACH MARINA SURVEY

Survey Contract Amount: \$104,725.00

Project Start: 2011

Project Finish: 2011

Craven Thompson and Associates, Inc. performed a Topographic & Hydrographic survey on the Dania Beach Marina and parking for the City of Dania Beach for design purposes. The survey included hydrographic surveying of the Marina area for proposed dredging and bulkhead replacement. We also included a 3-D High Definition Survey of the existing bridge over New River Sound so that they obtain clearances under the bridge.





Section 8 - Minority/Women Participation

MINORITY/WOMEN BUSINESS PARTICIPATION

The RFQ states that if your firm is not a certified M/WBE, describe your company's previous efforts, as well as planned efforts for this project in meeting M/WBE procurement goals under Florida Statutes 287.09451. We understand the necessity of the goals; however, we're unable to meet them for this RFQ. The work related to this contract is somewhat specialized and not high in dollar volume on a per project basis. Below is a response to the specifics of the Statute:

Florida Statutes 287.09451 - Office of Supplier Diversity; powers, duties, and functions

Factors which shall be considered by the Office of Supplier Diversity in determining whether a contractor has made good faith efforts shall include, but not be limited to:

1. Whether the contractor attended any pre-solicitation or pre-bid meetings that were scheduled by the agency to inform minority business enterprises of contracting and subcontracting opportunities.

Response: *There was no meeting.*

2. Whether the contractor advertised in general circulation, trade association, or minority-focus media concerning the subcontracting opportunities.

Response: *Not common practice by a surveying consulting firm.*

3. Whether the contractor provided written notice to a reasonable number of specific minority business enterprises that their interest in the contract was being solicited in sufficient time to allow the minority business enterprises to participate effectively.

Response: *Not a sufficient number of small firms to hire as sub-consultants, nor would the dollar value of each individual contract warrant a sub-consultant.*

4. Whether the contractor followed up initial solicitations of interest by contacting minority business enterprises or minority persons to determine with certainty whether the minority business enterprises or minority persons were interested.

Response: *Not a sufficient number of small firms to hire as sub-consultants, nor would the dollar value of each individual contract warrant a sub-consultant.*

5. Whether the contractor selected portions of the work to be performed by minority business enterprises in order to increase the likelihood of meeting the minority business enterprise procurement goals, including, where appropriate, breaking down





Section 8 - Minority/Women Participation

contracts into economically feasible units to facilitate minority business enterprise participation.

Response: *The contract cannot be broken down into economically feasible sub-units.*

6. Whether the contractor provided interested minority business enterprises or minority persons with adequate information about the plans, specifications, and requirements of the contract or the availability of jobs.

Response: *The City performed this function. We were not contacted by any M/WBEs.*

7. Whether the contractor negotiated in good faith with interested minority business enterprises or minority persons, not rejecting minority business enterprises or minority persons as unqualified without sound reasons based on a thorough investigation of their capabilities.

Response: *Not a sufficient number of small firms to hire as sub-consultants, nor would the dollar value of each individual contract warrant a sub-consultant, and we were not contacted by any M/WBEs.*

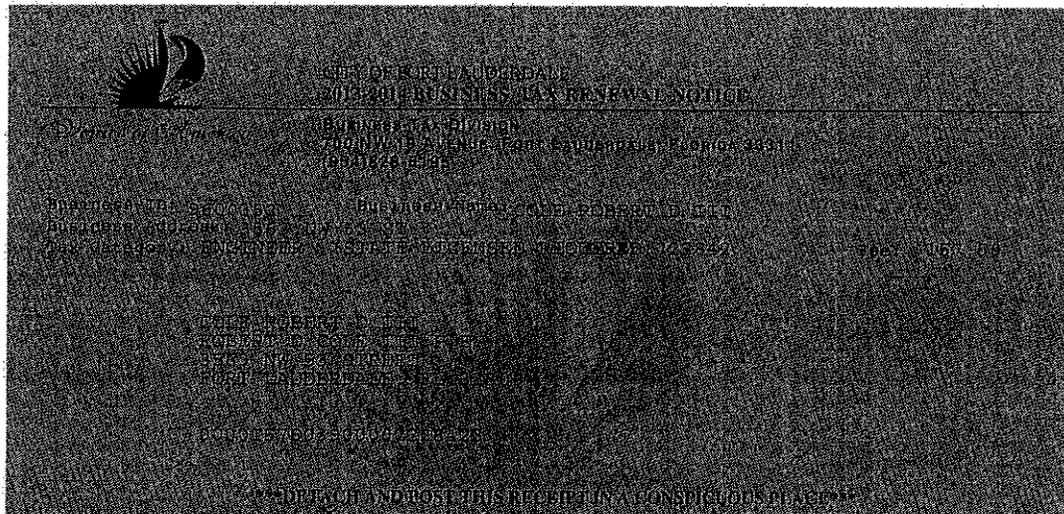


SECTION 9



Section 9 - Local Business Preference

LOCAL BUSINESS PREFERENCE



See the Local Business Preference Certification Statement in this section.

LOCAL BUSINESS PREFERENCE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the local BUSINESS preference classification as indicated herein, and further certifies and agrees that it will re-affirm it's local preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this ITB. Violation of the foregoing provision may result in contract termination.

(1) _____
Business Name is a **Class A Business** as defined in City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the City of Fort Lauderdale current year Business Tax Receipt and a complete list of full-time employees and their addresses shall be provided within 10 calendar days of a formal request by the City.

(2) Craven Thompson & Assoc.
Business Name is a **Class B Business** as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the Business Tax Receipt or a complete list of full-time employees and their addresses shall be provided within 10 calendar days of a formal request by the City.

(3) _____
Business Name is a **Class C Business** as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the Broward County Business Tax Receipt shall be provided within 10 calendar days of a formal request by the City.

(4) _____
Business Name requests a **Conditional Class A** classification as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.

(5) _____
Business Name requests a **Conditional Class B** classification as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.

(6) _____
Business Name is considered a **Class D Business** as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. and does not qualify for Local Preference consideration.

BIDDER'S COMPANY: Craven Thompson & Associates, Inc

AUTHORIZED COMPANY PERSON: Richard D. Pryce, P.S.M.  February 25, 2014
NAME SIGNATURE DATE

SECTION 10



SAMPLE INSURANCE CERTIFICATE

		<h3>CERTIFICATE OF LIABILITY INSURANCE</h3>		DATE (MM/DD/YYYY) 1/2/2014														
THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.																		
IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).																		
PRODUCER Corporate Insurance Advisors 100 NE 3rd Avenue Suite 1000 Ft. Lauderdale FL 33301		CONTACT NAME: Angela Nervi-Saketkoo PHONE (AG No. Ext): (954) 315-5000 FAX (AG No.): (954) 315-5050 E-MAIL ADDRESS: ANervi@ciafl.net																
INSURED Craven Thompson & Associates, Inc. 3563 NW 53rd Street Fort Lauderdale FL 33309		<table border="1"> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A: Valley Forge Insurance Co</td> <td>20508</td> </tr> <tr> <td>INSURER B: Transportation Insurance Co</td> <td>20494</td> </tr> <tr> <td>INSURER C: Zurich American Insurance Co</td> <td>16535</td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </table>			INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Valley Forge Insurance Co	20508	INSURER B: Transportation Insurance Co	20494	INSURER C: Zurich American Insurance Co	16535	INSURER D:		INSURER E:		INSURER F:	
INSURER(S) AFFORDING COVERAGE	NAIC #																	
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INSURER B: Transportation Insurance Co	20494																	
INSURER C: Zurich American Insurance Co	16535																	
INSURER D:																		
INSURER E:																		
INSURER F:																		

COVERAGES **CERTIFICATE NUMBER: 14-15** **REVISION NUMBER:**

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

ITEM #	TYPE OF INSURANCE	ADDRESSER INSR. / WVD	POLICY NUMBER	POLICY EFF. (MM/DD/YYYY)	POLICY EXP. (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY					EACH OCCURRENCE \$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY		4017256016	12/1/2013	12/1/2014	DAMAGE TO RENTED PREMISES (EA occurrence) \$ 100,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR					MED EXP (Any one person) \$ 5,000
	<input checked="" type="checkbox"/> XCU not excluded					PERSONAL & ADV INJURY \$ 1,000,000
	<input checked="" type="checkbox"/> Contractual Liability					GENERAL AGGREGATE \$ 2,000,000
	GENL AGGREGATE LIMIT APPLIES PER:					PRODUCTS - COMP/VP AGG \$ 2,000,000
	<input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC					\$
A	AUTOMOBILE LIABILITY					COMBINED SINGLE LIMIT (EA accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO		4020015587	12/1/2013	12/1/2014	BODILY INJURY (Per person) \$
	<input checked="" type="checkbox"/> ALL OWNED AUTOS					BODILY INJURY (Per accident) \$
	<input checked="" type="checkbox"/> SCHEDULED AUTOS					PROPERTY DAMAGE (Per accident) \$
	<input checked="" type="checkbox"/> HIRED AUTOS					Uninsured motorist property \$
B	UMBRELLA LIAB					EACH OCCURRENCE \$ 5,000,000
	<input checked="" type="checkbox"/> EXCESS LIAB					AGGREGATE \$ 5,000,000
	<input checked="" type="checkbox"/> OCCUR CLAIMS-MADE					\$
	DED <input checked="" type="checkbox"/> RETENTIONS		4020015539	12/1/2013	12/1/2014	\$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY					<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	Y/N	N/A			E.L. EACH ACCIDENT \$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below		027222969	1/1/2014	1/1/2015	E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
						E.L. DISEASE - POLICY LIMIT \$ 1,000,000
C	Professional Liability		80C930325111	3/30/2013	3/30/2014	Each Claim \$2,000,000
	Deductible \$50,000					Aggregate \$4,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
Proof of insurance only.

CERTIFICATE HOLDER Evidence of Insurance	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Mark Schwartz/ANGFL <i>Mark R. Schwartz</i>
--	---



SECTION 11



Section 11 - Joint Ventures

JOINT VENTURES

This proposal does not involve a joint venture.



SECTION 12



Section 12 - Sub-consultants

SUB-CONSULTANTS

Craven Thompson & Associates, Inc. is not proposing any sub-consultants for this RFQ.



SECTION 13

NON-COLLUSION STATEMENT:

By signing this offer, the vendor/contractor certifies that this offer is made independently and free from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).

3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.

<u>NAME</u>	<u>RELATIONSHIPS</u>
None	

In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.


Richard D. Pryce, P.S.M., Vice President, Surveying & GIS

February 25, 2014
Date