

RFP Title: Request for Proposals for Civil Engineering Services, Continuing Supply  
Proposal Number: BC-03-17-11-25  
Opening Date: Thursday, March 17, 2011 at 2:00 PM

**PROPOSAL RESPONSE COVER SHEET**

**THIS PAGE IS TO BE COMPLETED AND INCLUDED AS THE COVER SHEET FOR YOUR RESPONSE TO THE REQUEST FOR PROPOSALS.**

The Board of County Commissioners, Leon County, reserves the right to accept or reject any and/or all bids in the best interest of Leon County.

Keith M. Roberts, Purchasing Director

John Dailey, Chairman  
Leon County Board of County Commissioners

This bid response is submitted by the below named firm/individual by the undersigned authorized representative.

BY Hydra Engineering, LLC  
(Firm Name)  
*Leslie A. Hope*  
(Authorized Representative)  
Leslie A. Hope, President  
(Printed or Typed Name)

ADDRESS 36 Jasper Thomas Road

CITY, STATE, ZIP Crawfordville, FL 32327

TELEPHONE 850-926-2593

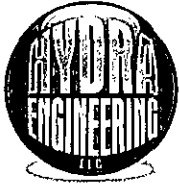
FAX 850-926-9257

**ADDENDA ACKNOWLEDGMENTS: (IF APPLICABLE)**

Addendum #1 dated 3-3-11 Initials *LA* Addendum #3 dated \_\_\_\_\_ Initials \_\_\_\_\_  
Addendum #2 dated 3-8-11 Initials *LA* Addendum #4 dated \_\_\_\_\_ Initials \_\_\_\_\_

**PLEASE MARK WHICH CATEGORIES FOR WHICH YOU WISH TO BE CONSIDERED:**

- a. Stormwater Engineering
- b. Roadway Design
- c. Traffic and Intersection Engineering
- d. Structural Engineering
- e. Geotechnical Services
- f. Environmental Support Services
- g. Construction Engineering and Inspection Services
- h. Surveying
- i. Subdivision and Site Development Engineering
- j. Parks and Recreational Facility Engineering
- k. Utility Engineering



*HYDRA ENGINEERING, LLC*

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## A. Contractor Information

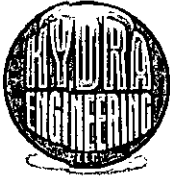
Company Name: Hydra Engineering, LLC

Corporate Office: 36 Jasper Thomas Road  
Crawfordville, Fl 32327  
850) 926-2593 phone  
(850) 926-9257 fax

DUNS Number: 807377218

Point of Contact: Leslie A. Hope, President  
lahope@hydraengineering.com

Categories: A Stormwater Engineering  
H Surveying  
I Subdivision and Site Development  
J Parks and Recreation Facility Engineering



## *HYDRA ENGINEERING, LLC*

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### **B. Executive Summary**

**Hydra Engineering, LLC** (Hydra) is based in Crawfordville, Florida. Hydra is a Hispanic Woman owned firm that is certified with the Small Business Administration as a Small Disadvantaged Business in the 8(a) program and with the USDOT as a Disadvantaged Business Enterprise (DBE) and the State of Florida, City of Tallahassee, Leon County and Wakulla County as a "Woman Owned / Minority Business Enterprise".

Although small, our firm provides nearly 50 years of Civil Engineering experience to our clients. The President of the firm, Leslie Hope, has worked in the field of engineering for over 20 years. She is a registered Professional Engineer in Florida, Colorado, Arizona, Georgia, Mississippi and is nationally certified through NCEES. She is also a "Qualified Stormwater Management Inspector".

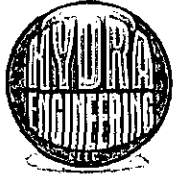
Hydra is not only committed to staffing the firm with the finest professionals available, we also have an on-going commitment to provide that staff with state-of-the-art equipment to assure its position at the forefront of civil engineering techniques in the region.

Hydra emphasizes open communication with a positive attitude to identify and provide for our clients' needs. Staying in touch with the client and its representatives throughout the project is vital to the success of our clients' projects. Hydra strives to consider its clients' resources as though they were its own.

Hydra has teamed with **Edwin G. Brown & Associates, Inc.** (EBA) for the projects survey needs, **Jones Edmunds** (JE) for Stormwater Engineering and Subdivision & Site Development, and **Wood & Partners, Inc.** (WPI) for landscape architecture for the Parks and Recreational Facility Engineering and Subdivision & Site Development categories, **4M Design Group** for architecture in the Subdivision & Site Development category and **G.S. Preble Engineering** for structural engineering in the Subdivision & Site Development-category.

Edwin G. Brown & Associates, Inc. is a Crawfordville based surveying firm, which has been in private practice for more than 34 years in North Florida. Over the past 33 years EBA has performed in excess of 300 survey related jobs within Leon County. Having performed this many surveys and working in the city limits and unincorporated areas of Leon County for the past 33 years, EBA has gained a vast knowledge of the area. EBA uses the most modern GPS based survey equipment and computer aided drafting programs to ensure quality survey work and compatibility with most engineering programs. EBA has earned a reputation for providing fast, accurate services at reasonable cost. Due to EBA's size and utilization of the latest technological advancements, we are proficient in large-scale boundary and topographical work. EBA is a frequent surveyor of services to county and local governments on civil projects ranging from topographical and boundary work to potable water, storm water & sewer system designs.

Jones Edmunds is a Florida-based consulting firm providing professional services in engineering, architecture, and environmental sciences for over 30 years. Clients range from the private sector to



## HYDRA ENGINEERING, LLC

government agencies at all levels. JE has offices in Gainesville, Jacksonville, Sarasota, Tampa, Titusville and Winter Haven. JE's Gainesville office will be the responsible office for this solicitation.

Jones Edmunds consists of more than 200 employees and is considered by *Engineering News-Record* to be a Top 500 Design firm and a Top 200 Environmental firm. Jones Edmunds is also considered one of the Top 25 design firms in the Southeast U.S. by *Southeast Construction*. Jones Edmunds delivers quality services from a broad range of disciplines.

Wood & Partners specializes in park/recreation planning, park design and construction phase services. WPI's staff's experience ranges from park master plans to detailed construction drawings and community wide recreation needs assessments. This extensive and diversified experience over recent years has helped the firm's staff develop a tremendous base from which to draw when providing park planning services. WPI excels in maintaining a high degree of innovation and creativity while offering practical and achievable solutions.

4M Design Group was formed in August 2007, following 10 years of practice as another prominent Tallahassee-based architectural firm. Managing Principal Mark Tarmey, along with the core group of design/production professionals founded 4M Design Group.

G.S. Preble Engineering, Inc. was founded in 2007 by Gregory Preble, Registered Structural Engineer.

**Hydra Engineering, LLC** is please to submit on the following categories:

- A. Stormwater Engineering
- H. Surveying
- I. Subdivision and Site Development Engineering
- J. Parks and Recreational Facility Engineering

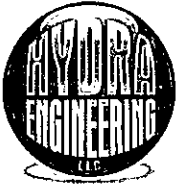
The following individual is authorized to make representations for Hydra Engineering, LLC:

Leslie Hope, President  
36 Jasper Thomas Road  
Crawfordville, FL 32327  
(850) 926-2593 office  
(850) 926-9257 fax

This "Request for Proposals for Civil Engineering Services, Continuing Supply" has been prepared in all respects fair and in good faith without collusion or fraud. Leslie Hope, President of Hydra Engineering, LLC has the authority to bind principal proponent.

A handwritten signature in cursive script that reads "Leslie A. Hope". The signature is written in black ink and is positioned above a horizontal line.

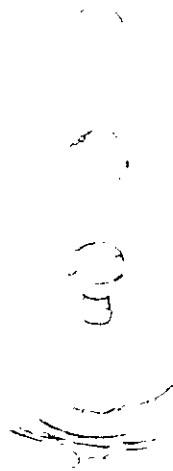
Leslie A. Hope, President



*HYDRA ENGINEERING, LLC*

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## **C. Required Forms**



RFP Title: Request for Proposals for Civil Engineering Services, Continuing Supply  
Proposal Number: BC-03-17-11-25  
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AFFIDAVIT CERTIFICATION  
IMMIGRATION LAWS

Leon County will not intentionally award County contracts to any contractor who knowingly employs unauthorized alien workers, constituting a violation of the employment provisions contained in 8 U.S.C. Section 1324 A(e) {Section 274a(e) of the Immigration and Nationality Act ("INA").

Leon County may consider the employment by any Contractor of Unauthorized Aliens a violation of Section 274A(e) of the INA. **Such violation by the Recipient of the employment provision contained in Section 274A(e) of the INA shall be ground for unilateral cancellation of the contract by Leon County.**

BIDDER ATTESTS THAT THEY ARE FULLY COMPLIANT WITH ALL APPLICABLE IMMIGRATION LAWS (SPECIFICALLY TO THE 1986 IMMIGRATION ACT AND SUBSEQUENT AMENDMENTS).

Company Name: Hydra Engineering, LLC

Signature: *Leslie Hope* Title: President

STATE OF Florida  
COUNTY OF Wakulla

Sworn to and subscribed before me this 16<sup>th</sup> day of March 2011.

Personally known X

OR Produced identification \_\_\_\_\_

*Lani E. Musgrove*  
NOTARY PUBLIC

Notary Public - State of Florida

My commission expires: \_\_\_\_\_

(Type of identification)



Printed, typed, or stamped  
commissioned name of notary public

The signee of this Affidavit guarantees, as evidenced by the sworn affidavit required herein, the truth and accuracy of this affidavit to interrogatories hereinafter made.

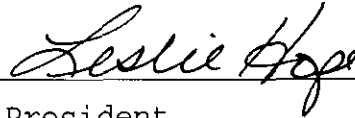
**LEON COUNTY RESERVES THE RIGHT TO REQUEST SUPPORTING DOCUMENTATION,  
AS EVIDENCE OF SERVICES PROVIDED, AT ANY TIME.**

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**EQUAL OPPORTUNITY/AFFIRMATIVE ACTION STATEMENT**

1. The contractors and all subcontractors hereby agree to a commitment to the principles and practices of equal opportunity in employment and to comply with the letter and spirit of federal, state, and local laws and regulations prohibiting discrimination based on race, color, religion, national region, sex, age, handicap, marital status, and political affiliation or belief.
2. The contractor agrees to comply with Executive Order 11246, as amended, and to comply with specific affirmative action obligations contained therein.

Signed:



Title:

President

Firm:

Hydra Engineering, LLC

INSURANCE CERTIFICATION FORM

To indicate that Bidder/Respondent understands and is able to comply with the required insurance, as stated in the bid/RFP document, Bidder/Respondent shall submit this completed Insurance Certification Form, signed by the company Risk Manager or authorized manager with risk authority.

A. Is/are the insurer(s) to be used for all required insurance (except Workers' Compensation) listed by Best with a rating of no less than A:VII?

YES  NO

Commercial General Liability: Indicate Best Rating: A  
Indicate Best Financial Classification: A8

Business Auto: Indicate Best Rating: A+  
Indicate Best Financial Classification: Aa2

1. Is the insurer to be used for Workers' Compensation insurance listed by Best with a rating of no less than A:VII?

YES  NO

Indicate Best Rating: A-  
Indicate Best Financial Classification: 3I

If answer is NO, provide name and address of insurer:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Is the Respondent able to obtain insurance in the following limits (next page) for this professional services agreement?

YES  NO

Insurance will be placed with Florida admitted insurers unless otherwise accepted by Leon County. Insurers will have A.M. Best ratings of no less than A:VII unless otherwise accepted by Leon County.

Required Coverage and Limits

The required types and limits of coverage for this bid/request for proposals are contained within the solicitation package. Be sure to carefully review and ascertain that bidder/proposer either has coverage or will place coverage at these or higher levels.

Required Policy Endorsements and Documentation

Certificate of Insurance will be provided evidencing placement of each insurance policy responding to requirements of the contract.



Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by the County. At the option of the County, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the County, its officers, officials, employees and volunteers; or the Contractor shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

Endorsements to insurance policies will be provided as follows:

Additional insured (Leon County, Florida, its Officers, employees and volunteers) -  
General Liability & Automobile Liability

Primary and not contributing coverage-  
General Liability & Automobile Liability

Waiver of Subrogation (Leon County, Florida, its officers, employees and volunteers)- General  
Liability, Automobile Liability, Workers' Compensation and Employer's Liability

Thirty days advance written notice of cancellation to County - General Liability,  
Automobile Liability, Worker's Compensation & Employer's Liability.

Professional Liability Policy Declaration sheet as well as claims procedures for each applicable policy to be provided

Please mark the appropriate box:

Coverage is in place  Coverage will be placed, without exception

The undersigned declares under penalty of perjury that all of the above insurer information is true and correct.

Name Lisa Whitworth  
Typed or Printed

Signature

Lisa Whitworth

Date 3-16-11

Title

V.P.

(Company Risk Manager or Manager with Risk Authority)

# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
03/16/2011

<b>PRODUCER</b> Affiliated Agencies of FL Inc 500 C Apalachee Parkway  Tallahassee FL 32301	THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.												
<b>INSURED</b> Hydra Engineering, LLC. 36 Jasper Thomas Rd  Crawfordville FL 32327	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 80%;">INSURERS AFFORDING COVERAGE</th> <th style="width: 20%;">NAIC #</th> </tr> <tr> <td>INSURER A: <b>Mid Continent</b></td> <td></td> </tr> <tr> <td>INSURER B: <b>Progressive</b></td> <td></td> </tr> <tr> <td>INSURER C: <b>Madison Insurance Company</b></td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> </table>	INSURERS AFFORDING COVERAGE	NAIC #	INSURER A: <b>Mid Continent</b>		INSURER B: <b>Progressive</b>		INSURER C: <b>Madison Insurance Company</b>		INSURER D:		INSURER E:	
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INSURER C: <b>Madison Insurance Company</b>													
INSURER D:													
INSURER E:													

**COVERAGES**

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. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR	ADD'L	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS
A		<b>GENERAL LIABILITY</b>	04GL000809561	12/31/2010	12/31/2011	EACH OCCURRENCE
		<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY				DAMAGE TO RENTED PREMISES (Ea occurrence)
		<input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR				MED EXP (Any one person)
						PERSONAL & ADV INJURY
						GENERAL AGGREGATE
						PRODUCTS - COMP/OP AGG
						GEN'L AGGREGATE LIMIT APPLIES PER:
	<input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC					
B		<b>AUTOMOBILE LIABILITY</b>	04387214-1	10/15/2010	10/15/2011	COMBINED SINGLE LIMIT (Ea accident)
		<input type="checkbox"/> ANY AUTO				BODILY INJURY (Per person)
		<input checked="" type="checkbox"/> ALL OWNED AUTOS				BODILY INJURY (Per accident)
		<input type="checkbox"/> SCHEDULED AUTOS				PROPERTY DAMAGE (Per accident)
		<input type="checkbox"/> HIRED AUTOS				
		<input type="checkbox"/> NON-OWNED AUTOS				
		<b>GARAGE LIABILITY</b>				AUTO ONLY - EA ACCIDENT
		<input type="checkbox"/> ANY AUTO				OTHER THAN EA ACC
		<b>EXCESS / UMBRELLA LIABILITY</b>				AGG
		<input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE				EACH OCCURRENCE
		<input type="checkbox"/> DEDUCTIBLE				AGGREGATE
		RETENTION \$				
C		<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b>	MWC-10111-10	02/01/2011	02/01/2012	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER
		ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)				E.L. EACH ACCIDENT
		If yes, describe under SPECIAL PROVISIONS below				E.L. DISEASE - EA EMPLOYEE
		<input checked="" type="checkbox"/> Y/N <input type="checkbox"/>				E.L. DISEASE - POLICY LIMIT
		<b>OTHER</b>				

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

Project: Civil Engineering Services, Continuing Supply

**CERTIFICATE HOLDER**

Leon County, Florida, its Officers, Employees and Volunteers  
 1800-3 Blair Stone Road  
 Tallahassee, FL 32308  
 Phone:  
 Fax:

**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE *Lisa Whitworth* <DA>

INSURANCE CERTIFICATION FORM

To indicate that Bidder/Respondent understands and is able to comply with the required insurance, as stated in the bid/RFP document, Bidder/Respondent shall submit this completed Insurance Certification Form, signed by the company Risk Manager or authorized manager with risk authority.

A. Is/are the insurer(s) to be used for all required insurance (except Workers' Compensation) listed by Best with a rating of no less than A:VII?

YES  NO

Errors & Omissions Professional Liability  
Indicate Best Rating: A  
Indicate Best Financial Classification: XV

Business Auto:  not provided by Cook Ins.  
Indicate Best Rating: \_\_\_\_\_  
Indicate Best Financial Classification: \_\_\_\_\_

1. Is the insurer to be used for Workers' Compensation insurance listed by Best with a rating of no less than A:VII?

YES  NO

not provided by Cook Insurance

Indicate Best Rating: \_\_\_\_\_  
Indicate Best Financial Classification: \_\_\_\_\_

If answer is NO, provide name and address of insurer:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Is the Respondent able to obtain insurance in the following limits (next page) for this professional services agreement?

YES  NO

Insurance will be placed with Florida admitted Insurers unless otherwise accepted by Leon County. Insurers will have A.M. Best ratings of no less than A:VII unless otherwise accepted by Leon County.

Required Coverage and Limits

The required types and limits of coverage for this bid/request for proposals are contained within the solicitation package. Be sure to carefully review and ascertain that bidder/proposer either has coverage or will place coverage at these or higher levels.

Required Policy Endorsements and Documentation

Certificate of Insurance will be provided evidencing placement of each insurance policy responding to requirements of the contract.

Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by the County. At the option of the County, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the County, its officers, officials, employees and volunteers; or the Contractor shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

Endorsements to insurance policies will be provided as follows:

Additional insured (Leon County, Florida, its Officers, employees and volunteers) -  
General Liability & Automobile Liability

Primary and not contributing coverage-  
General Liability & Automobile Liability

Waiver of Subrogation (Leon County, Florida, its officers, employees and volunteers)- General  
Liability, Automobile Liability, Workers' Compensation and Employer's Liability

Thirty days advance written notice of cancellation to County - General Liability,  
Automobile Liability, Worker's Compensation & Employer's Liability.

Professional Liability Policy Declaration sheet as well as claims procedures for each applicable policy to be provided

Please mark the appropriate box:

Coverage is in place  Coverage will be placed, without exception

The undersigned declares under penalty of perjury that all of the above insurer information is true and correct.

Name Dawn S. Bigdan  
Typed or Printed

Date 3/14/2011

Signature 

Title Agent  
(Company Risk Manager or Manager with Risk Authority)



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
3/14/2011

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).

<b>PRODUCER</b> Cook Insurance Agency, Inc. 73 Avenue E Apalachicola FL 32320		<b>CONTACT NAME:</b> Dawn S. Rigdon <b>PHONE (A/C, No, Ext):</b> (850) 926-6612 <b>FAX (A/C, No):</b> (850) 926-6617 <b>E-MAIL ADDRESS:</b> <b>PRODUCER CUSTOMER ID #:</b> 00004650	
<b>INSURED</b> Hydra Engineering, LLC 36 Jasper Thomas Road Crawfordville FL 32327		<b>INSURER(S) AFFORDING COVERAGE</b> <b>INSURER A:</b> New Hampshire Insurance Co. <b>INSURER B:</b> <b>INSURER C:</b> <b>INSURER D:</b> <b>INSURER E:</b> <b>INSURER F:</b>	

**COVERAGES**      **CERTIFICATE NUMBER:** CL1131400714      **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	<b>GENERAL LIABILITY</b> <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$
	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DEDUCTIBLE <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$ \$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						<input type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	<b>ERRORS &amp; OMISSIONS</b>			537925002	5/2/2010	5/2/2011	EACH OCCURRENCE 1,000,000 GENERAL AGGREGATE 1,000,000

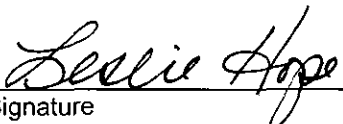
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)  
 CIVIL ENGINEERING SERVICES, CONTINUING SUPPLY

<b>CERTIFICATE HOLDER</b> LEON COUNTY, FLORIDA, IT'S OFFICERS EMPLOYEES AND VOLUNTEERS 1800-3 BLAIR STONE RD TALLAHASSEE, FL 32308	<b>CANCELLATION</b> SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
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**CERTIFICATION REGARDING DEBARMENT, SUSPENSION,  
And OTHER RESPONSIBILITY MATTERS  
PRIMARY COVERED TRANSACTIONS**

1. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
  - a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
  - b) Have not within a three-year period preceding this been convicted of or had a civil judgement rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
  - c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of these offenses enumerated in paragraph (1)(b) of this certification; and
  - d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
2. Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.
3. No subcontract will be issued for this project to any party which is debarred or suspended from eligibility to receive federally funded contracts.

  
\_\_\_\_\_  
Signature

\_\_\_\_\_  
President  
Title

\_\_\_\_\_  
Hydra Engineering, LLC  
Contractor/Firm

\_\_\_\_\_  
36 Jasper Thomas Road, Crawfordville, FL 32327  
Address

**LOCAL VENDOR CERTIFICATION**

The undersigned, as a duly authorized representative of the vendor listed herein, certifies to the best of his/her knowledge and belief, that the vendor meets the definition of a "Local Business." For purposes of this section, "local business" shall mean a business which:

- a) Has had a fixed office or distribution point located in and having a street address within Leon, Gadsden, Wakulla, or Jefferson County for at least six (6) months immediately prior to the issuance of the request for competitive bids or request for proposals by the County; and
- b) Holds any business license required by Leon County (or one of the other local counties), and, if applicable, the City of Tallahassee; and
- c) Is the principal offeror who is a single offeror; a business which is the prime contractor and not a subcontractor; or a partner or joint venturer submitting an offer in conjunction with other businesses.

Please complete the following in support of the self-certification and submit copies of your County and City business licenses. Failure to provide the information requested will result in denial of certification as a local business.

Business Name: <u>Hydra Engineering, LLC</u>	
Current Local Address: <u>36 Jasper Thomas Road</u> <u>Crawfordville, FL 32327</u>	Phone: <u>850-926-2593</u> Fax: <u>850-926-9257</u>
If the above address has been for less than six months, please provide the prior address.	
Length of time at this address:	
Home Office Address:  <u>Same as above</u>	Phone:  Fax:

Leslie Hope  
Signature of Authorized Representative

3/16/2011  
Date

STATE OF Florida  
COUNTY OF Wakulla

The foregoing instrument was acknowledged before me this 16<sup>th</sup> day of March, 2011.

By Leslie Hope, of Hydra Engineering LLC  
(Name of officer or agent, title of officer or agent) (Name of corporation acknowledging)

a Florida corporation, on behalf of the corporation. He/she is personally known to me  
(State or place of incorporation)

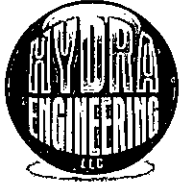
or has produced X X  
(type of identification)

Lani E Musgrove  
Signature of Notary  
Lani E Musgrove  
Print, Type or Stamp Name of Notary

**Return Completed form with supporting documents to:**  
**Leon County Purchasing Division**  
**1800-3 Blair Stone Road**  
**Tallahassee, Florida 32308**



\_\_\_\_\_  
Title or Rank  
\_\_\_\_\_  
Serial Number, If Any



*HYDRA ENGINEERING, LLC*

---

**Request for Proposals for Civil Engineering Services,  
Continuing Supply**

**Proposal Number BC-03-17-11-25**

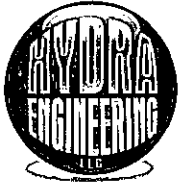
**Submitted by:**

**Hydra Engineering, LLC  
36 Jasper Thomas Road  
Crawfordville, FL 32327  
(850) 926-2593 phone  
(850) 926-9257 fax**

**CATEGORY: STORMWATER ENGINEERING**







## **A. ABILITY OF PROFESSIONAL PERSONNEL**

1. The Hydra Engineering team consists of 2 Professional Engineers from Hydra and 6 Professional Engineers and a Professional Wetland Scientist from Jones Edmunds available for this category of projects. The number of engineers available allows for an expedient response to the size projects anticipated in this contract. Due to Hydra being the team leader and locally located, this also provides a quick response to attend meetings and site visits.
2. Resumes for the key professionals for this category of projects are provided in the following pages.

Leslie Hope will be the project lead on all projects in this category and is the Sr. Hydraulic Engineer for the team. Mrs. Hope has extensive experience in Hydrology and Hydraulics and has completed several Conditional Letter of Map Revisions and Letter of Map Revisions processes for sites in Florida and Colorado. Mrs. Hope is currently finalizing the historic subdivision Wakulla Garden's Floodplain and Stormwater Study which consists of 3,822 lots on 592 acres platted in the 1950's. Also, she served as Bromley Park Metropolitan District Engineer from 2000-2007. During that time she performed design review, expert witness services, watershed analysis, stormwater facility design and assisted in finding funding sources for stormwater projects. One of her major tasks consisted of preparing a regional storm drainage master plan for 29,266 acres that were tributary to an impaired waterway.

3. While the majority of the projects anticipated under this contract are expected to be small to medium projects, Hydra has teamed with Jones Edmunds to provide our team with the horsepower of a large company while still allowing the county staff to work with our local project managers whenever the projects demand a larger staff.

Jones Edmunds is a multi-discipline firm that brings over 30 years of corporate experience to the Hydra team with over 200 employees. Jones Edmunds will assist Hydra with basin master plans, FIRM modifications, watershed retrofit design, habitat restoration planning and design, TMDL analysis, stormwater facility retrofit design and large scale stormwater issues.



## **Work History**

**March 2008 – Present:** President, Hydra Engineering, LLC, Crawfordville, Florida

Responsibilities include: Owner and Manager for firm, Hydrology Design (Using adICPR, CUHP, HEC-HMS, and SCS TR-55 computer programs), Hydraulic Analysis (using HEC-RAS, SWMM, DAMBREK, BREACH, Flowmaster, PONDPACK, and adICPR), Sanitary Sewer Design, Water System Design, Irrigation System Design, Groundwater Analysis using MODRET, Floodplain Studies, FEMA CLOMR, LOMR and LOMA submittals, Construction Management, Construction Administration and Inspection.

**October 1994 – March 2008:** Senior Vice President of Engineering, High Country Engineering, Inc. and Innovative Civil Engineering, Inc., Glenwood Springs, Colorado and Crawfordville, Florida

Responsibilities include: Managing Engineering Department for three offices, School Site Designs, Subdivision Design (using Land Design Development and AutoCadd Release 12-2007), Commercial Site Plan Design, Hydrology Design (Using adICPR, CUHP, HEC 1, HEC-HMS, and SCS TR-55 computer programs), Hydraulic Analysis (using HEC-2, HEC-RAS, SWMM, DAMBREK, BREACH, Flowmaster, PONDPACK, and adICPR), Sanitary Sewer Design, Water System Design, Wetland Design, Irrigation System Design, Road and Utility Permits, Floodplain Studies, FEMA CLOMR, LOMR and LOMA submittals, Construction Engineering and Inspection, South Beebe Draw Metropolitan (Bromley Park) District Engineer from 2000 to 2007, CDOT and FDOT Access Permits, Roadway / Highway Horizontal and Vertical Layout, Roadway Design per AASHTO and State DOT standards, preparation of Maintenance of Traffic Plans, Design of Acceleration / Deceleration Lanes and State Highway widening projects, Roadway Signage and Striping Plans.

**January 1994 - October 1994:** Civil Engineer / Water Resources Designer, JMI Engineers, Tallahassee, Florida

Responsibilities included Preparation of Bridge Hydraulics Reports utilizing FHWA's WSPRO program and HEC #18 scour studies, Hydraulic Analysis for Roadway projects, Hydrology, Roadway Design, Cost Estimates, Traffic Control Plans, Utility Coordination / Adjustments, Layout and Sizing of Storm Sewer, Hydrologic Studies involving sizing detention/retention facilities, Marketing.



**Leslie A. Hope, P.E.,  
President**

**Hydra Engineering, LLC**  
[lahope@hydraengineering.com](mailto:lahope@hydraengineering.com)

Ms. Hope started Hydra Engineering, LLC in March of 2008 and is the sole owner of the company. She has been working in the field of Civil Engineering for nearly 20 years. Her area of specialty is water resources and flood control projects.

### **Education**

Bachelor of Science, Civil Engineering with an emphasis on water resources & environmental engineering, University of South Florida, 1993

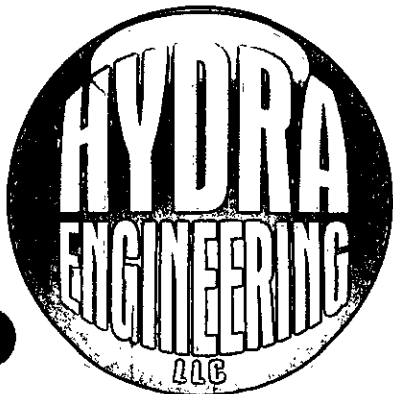
### **Registration**

Florida Registered PE No. 56452  
Georgia Registered PE No. PE03258  
Colorado Registered PE, No. 32981  
Arizona Registered PE No. 35616  
Mississippi Registered PE No. 19704  
National Council of Examiners for Engineering and Surveying, No. 17066

### **Additional Training**

Construction Quality Management for Contractors – July 2010  
Georgia Erosion & Sedimentation Certified Design Professional – Level 2, 2008  
FDEP Qualified Stormwater Management Inspector, #20918, 2008

**36 Jasper Thomas Road  
Crawfordville, FL 32327  
850-926-2593 Office  
850-926-9257 Fax**



## ***Representative Project Experience***

### **Wakulla Gardens Regional Stormwater & Floodplain Study:**

**Crawfordville, FL** Client: Wakulla County Fees: \$46,000

Role: Project Manager, Senior Hydraulic Engineer; Develop Stormwater Master Plan and Regional floodplain mapping for a historic subdivision located in Wakulla County. Stormwater was analyzed using adICPR and mapping was created in ACAD for the entire 3,822 lot historic subdivision.

### **St. Augustine Branch Letter of Map Revision: Tallahassee, Florida;**

Client: Genesis Group Fees: \$10,000

Role: Stormwater Modeler; Preparation of a FEMA LOMR application, narrative and review of XP-SWMM analysis.

### **Bush Road Bridge Hydraulics Study, Holmes County, Florida** Client:

Registe Sliger Engineering Fees: \$12,600

Role: Hydrologist and Hydraulic Engineer; Project included determining hydrology for a 24,380 acres drainage basin using regional regression equations, established low chord elevation and bridge opening for new bridge crossing using HEC-RAS.

### **South Beebe Draw Metropolitan District Engineer: Lochbuie, Colorado** Client: South Beebe Metro District Fees: \$250,000

Role: District Engineer, Senior Hydraulic Engineer; prepared a regional storm drainage master plan for 29,266 acres that were tributary to an impaired waterway, design, bidding and construction observation of regional drainage and water quality facilities, and review of drainage reports submitted for sites within the district boundaries.

## ***Additional Project Experience***

FDOT – Flowing Well Road Bridge Hydraulics Study

FDOT – Hurricane Creek Road Bridge Hydraulics Study

FDOT – JS Jones Road Bridge Hydraulics Study

Pine Glen Bridge Hydraulics Study – U.S. National Forest

Shoal Creek Equestrian Bridge – U.S. National Forest

Carrabelle River Bank Stabilization

Cascade Trail - CLOMR

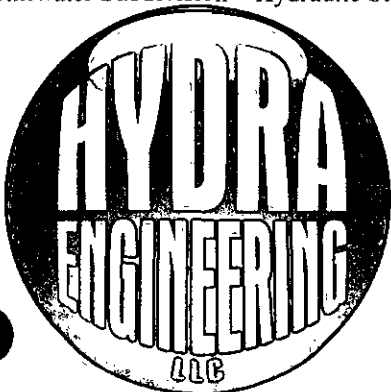
Lawhon Mill Road Stormwater Analysis

Silver Trout Estates - CLOMR

Grand Park Development – LOMR / CLOMR

Dixon Commercial PUD – CLOMR / Hydraulic Study of Colorado River

Stillwater Subdivision – Hydraulic Study of Colorado River



**Leslie A. Hope, P.E.,  
President**

**Hydra Engineering, LLC**  
[lahope@hydraengineering.com](mailto:lahope@hydraengineering.com)

Ms. Hope started Hydra Engineering, LLC in March of 2008 and is the sole owner of the company. She has been working in the field of Civil Engineering for nearly 20 years. Her area of specialty is water resources and flood control projects.

### ***Education***

Bachelor of Science, Civil Engineering with an emphasis on water resources & environmental engineering, University of South Florida, 1993

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### ***Additional Training***

Construction Quality Management for Contractors – July 2010

Georgia Erosion & Sedimentation Certified Design Professional – Level 2, 2008

FDEP Qualified Stormwater Management Inspector, #20918, 2008

**36 Jasper Thomas Road  
Crawfordville, FL 32327  
850-926-2593 Office  
850-926-9257 Fax**

## ***Work History***

November 2008 – Current: Sr. Project Manager, Hydra Engineering LLC, Crawfordville, Florida.

Responsibilities include: Project Management of Roadway Improvement Projects, Hydrology, Hydraulic Analysis, Groundwater Analysis, Subdivision Design, DOT access design and permitting, Commercial Site Plan Design, Sanitary Sewer Design, Water System Design, Municipal Engineering, Construction Administration, Construction Engineering and Inspection, preparation of Traffic Studies and traffic counts.

November 1994 – November 2008: CEO / President - Innovative Civil Engineering, Inc., Crawfordville, FL and High Country Engineering, Inc., Glenwood Springs, Colorado.

Responsibilities include: Project Management, Hydrology, Subdivision Design, DOT roadway design, Traffic Studies, DOT access design and permitting, Commercial Site Plan Design, Hydraulic Analysis, Sanitary Sewer Design, Water System Design, Proposal Preparation, Construction Administration, Construction Engineering and Inspection

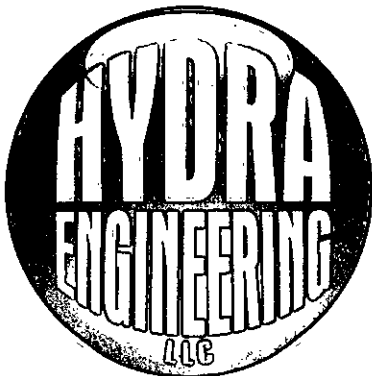
May 1991 - October 1994: Project Engineer, Genesis Group, Inc., Tampa and Tallahassee, Florida.

Responsibilities include: Project Management, Hydrology, Subdivision Design, Commercial Site Plan Design, Hydraulic Analysis, Sanitary Sewer Design, Water System Design, Traffic Studies, Signalization Design, Proposal Preparation, Construction Administration, Construction Engineering and Inspection, Computer System Administrator, CADD Manager, Expert Witness Support and Trial Preparation and Marketing

April 1990 - April 1991: Research / Teaching Assistant, University of South Florida Tampa, Florida.

July 1989 - April 1990: Sr. Engineering Technician, American Engineering Company, Brooksville, Florida.

July 1987 - July 1989: Engineering Technician, Civil Tech, Inc., Brooksville, Florida



### ***Vernon « Joe » Hope II, P.E.***

**Senior Project Manager**

**Hydra Engineering, LLC**

[joe@hydraengineering.com](mailto:joe@hydraengineering.com)

Mr. Hope has been with Hydra Engineering since its inception and has been working in the civil engineering field for nearly 22 years. His area of specialty is site planning and transportation engineering.

#### ***Education***

Bachelor of Science, Civil Engineering with an emphasis on transportation design and water resources, University of South Florida, 1991

#### ***Registration***

Florida Registered Professional Engineer, #65372  
Alabama Registered Professional Engineer, #28816-E  
Colorado Registered Professional Engineer, # 30939  
South Carolina Registered Professional Engineer, #27946

The National Council of Examiners for Engineering and Surveying, No. 23327

#### ***Additional Training***

Troxler Nuclear Density Testing Certification # 063709

ACI Concrete Field Testing Technician Grade I, June 1994

FDEP Qualified Stormwater Management Inspector # 20925, 2008

**36 Jasper Thomas Road  
Crawfordville, FL 32327**

**850-926-2593 Office**

**850-926-9257 Fax**

## ***Representative Project Experience***

**Pine Glen Bridge Hydraulics Study, Talladega National Forest, Alabama** Client: U.S. National Forest Service Design Fee: \$64,500  
Role: Project Manager, Project Engineer – Design included determining hydrology for a 11,481 acres drainage basin using regional regression equations, established low chord elevation and bridge opening for new bridge crossing using HEC-RAS.

**White River National Wildlife Refuge, St. Charles, Arkansas**  
Client: SpecPro Environmental Services Design Fee: \$18,300  
Role: Project Manager, Design Engineer - Project included designing a new outfall and release structure for the dam as well as raising the dam and designing a new emergency overflow and bank armoring.

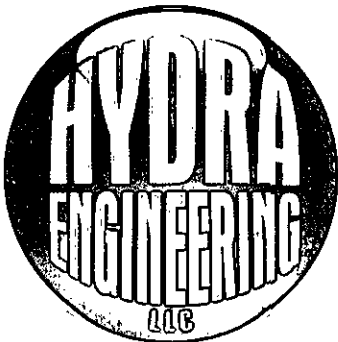
**Mattamuskeet NWR Tidal Gates, Swanquarter, North Carolina -**  
Client: U.S. Fish and Wildlife Services Design Fee: \$19,500  
Role: Project Manager, Design Engineer - Project included designing three tidal gates on Lake Mattamuskeet to regulate the lake levels and allow aquatic species migration.

**Bears Bluff Fish Hatchery, Wadmalaw Island, South Carolina**  
Client: SpecPro Environmental Services Design Fee: \$21,800  
Role: Project Manager, Design Engineer – Design for rehabilitating two fish rearing ponds including water control structures, fish capture kettles, grading the ponds, piping design and pump sizing.

**Leon County Traffic Court Annex, Tallahassee, Florida**  
Client – Leon County Design Fee: \$2,500  
Role: Project Manager, Design Engineer - Construction plans for an expansion of the existing traffic annex, which included all new sidewalks and parking lot layout. Permitted through Leon County, FDOT and NFWFMD.

### ***Additional Project Experience***

Wakulla County Courthouse expansion  
City of Sopchoppy City Hall  
Shoal Creek Equestrian Bridges  
Rock Landing – Commercial Fishing Pier  
City of Carrabelle – Handicap Access Dock & Restroom  
Mashes Sands Park Fishing Pier  
Wooley Park Fishing Pier



### **Vernon « Joe » Hope III, P.E.**

**Senior Project Manager**  
**Hydra Engineering, LLC**  
[joe@hydraengineering.com](mailto:joe@hydraengineering.com)

Mr. Hope has been with Hydra Engineering since its inception and has been working in the civil engineering field for nearly 22 years. His area of specialty is site planning and transportation engineering.

#### ***Education***

Bachelor of Science, Civil Engineering with an emphasis on transportation design and water management, University of South Florida, 1991

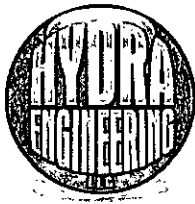
#### ***Registration***

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Alabama Registered Professional Engineer, #28816-E  
Colorado Registered Professional Engineer, # 30939  
South Carolina Registered Professional Engineer, #27946  
The National Council of Examiners for Engineering and Surveying, No. 23327

#### ***Additional Training***

Troxler Nuclear Density Testing Certification # 063709  
ACI Concrete Field Testing Technician Grade I, June 1994  
FDEP Qualified Stormwater Management Inspector # 20925, 2008

**36 Jasper Thomas Road**  
**Crawfordville, FL 32327**  
**850-926-2593 Office**  
**850-926-9257 Fax**



State of Florida  
Board of Professional Engineers  
Hydra Engineering, LLC

Is authorized under the provisions of Section 471.028 Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.

Expiration: 28-Feb-11

Certificate of Authorization

CA No:

Audit No: 22820111031

DISPLAY AS REQUIRED BY LAW

28124

State of Florida  
Board of Professional Engineers  
Leslie Ann Hope, P.E.

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES

EXPIRATION: 2/28/2013

P.E. LIC. NO:

AUDIT NO: 228201317145

56452

State of Florida  
Board of Professional Engineers  
Vernon Dale Hope II, P.E.

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES

EXPIRATION: 2/28/2013

P.E. LIC. NO:

AUDIT NO: 228201315233

65372

## Licensee Details

### Licensee Information

Name: **Hydra Engineering, LLC (Primary Name)**  
(DBA Name)  
Main Address: **36 JASPER THOMAS ROAD**  
**CRAWFORDVILLE Florida 32327**  
County: **WAKULLA**  
License Mailing:  
LicenseLocation:

### License Information

License Type: **Certificate of Authorization**  
Rank: **Cert of Auth**  
License Number: **28124**  
Status: **Current**  
Licensure Date: **05/28/2008**  
Expires: **02/28/2013**

**Special Qualifications**      **Qualification Effective**

[View Related License Information](#)

[View License Complaint](#)

**Contact Us** :: [1940 North Monroe Street, Tallahassee FL 32399](#) :: [Call.Center@dbpr.state.fl.us](mailto:Call.Center@dbpr.state.fl.us) :: Customer Contact Center:  
850.487.1395

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This certifies that  
**HYDRA ENGINEERING, LLC**  
is recognized as a  
**Minority/Women-Owned Business Enterprise**  
under the  
**City of Tallahassee and Leon County  
Consortium Interlocal Agreement**

For a period of one (1) year beginning:  
**June 4, 2010 to June 30, 2011**

  
\_\_\_\_\_  
**MBE Administrator**

  
\_\_\_\_\_  
**Certification Specialist**



CIVIL ENGINEERING  
CONSULTANT

STATE OF FLORIDA

WAKULLA COUNTY OCCUPATIONAL LICENSE

PENALTY ADDED: OCT. 1st, 10%; NOV. 1st, 15%; DEC. 1st, 20%; JAN. 1st, 25%

7162

THIS LICENSE IS FURNISHED IN PURSUANCE OF CHAPTER 205, FLORIDA  
STATUTES AND COUNTY ORDINANCE NO. 79-2

NOTE - A PENALTY IS IMPOSED FOR  
FAILURE TO KEEP THIS LICENSE EXHIBITED  
CONSPICUOUSLY AT YOUR ESTABLISHMENT  
OR PLACE OF BUSINESS.

HYDRA ENGINEERING LLC  
LESLIE HOPE  
36 JASPER THOMAS ROAD  
CRAWFORDVILLE FL  
32327

CLEAR TAX COLLECTOR

	2010/2011	
10% PENALTY	COUNTY	\$ 35.00
IF NOT RENEWED	PENALTY	\$
BEFORE OCTOBER 1	AMOUNT DUE	\$ 35.00

PLEASE RETURN THIS NOTICE  
WITH REMITTANCE

Make Payable To: CHERYLL OLAH, TAX COLLECTOR - WAKULLA COUNTY  
2010 Mail to: P.O. BOX 280  
2011 CRAWFORDVILLE, FLORIDA 32326-0280

THIS LICENSE IS VALID ONLY IF NO OTHER LAW OR ORDINANCE IS VIOLATED, ESPECIALLY ZONING

205.471  
PUBLIC SERVICES

ORIGINAL

PAID 01243010 # 0542  
CA # 57078



State of Florida  
*Minority, Women &  
Service-Disabled Veteran*  
Business Certification

Hydra Engineering, LLC

Is certified under the provisions of  
287 and 295.187, Florida Statutes for a period from:

January 19, 2010 to January 19, 2012

Torey Alston, Executive Director

Florida Department of Management Services  
Office of Supplier Diversity

**QUALIFIED  
STORMWATER MANAGEMENT  
INSPECTOR**

The undersigned hereby acknowledges that

**Vernon D Hope, II**  
has successfully met all requirements necessary to be fully certified through  
the Florida Department of Environmental Protection Stormwater Erosion  
and Sedimentation Control Inspector Training Program

  
Heather Ritchie

*December 9, 2008*  
*Inspector Number 20925*  
8 PDHs—Provider 4049

  
John Abendroth


**QUALIFIED  
STORMWATER MANAGEMENT  
INSPECTOR**

The undersigned hereby acknowledges that

**Leslie Hope**  
has successfully met all requirements necessary to be fully certified through  
the Florida Department of Environmental Protection Stormwater Erosion  
and Sedimentation Control Inspector Training Program

  
Heather Ritchie

*December 9, 2008*  
*Inspector Number 20918*  
8 PDHs—Provider 4049

  
John Abendroth

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

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

12. NAME Brett A. Cunningham, PE	13. ROLE IN THIS CONTRACT Civil and Roadway – WMPs, BMAPs, BMPs, TMDLs	14. YEARS EXPERIENCE	
		a. TOTAL 23	b. WITH CURRENT FIRM 9

5. FIRM NAME AND LOCATION <i>(City and State)</i> Jones Edmunds & Associates, Inc., Gainesville, FL
--

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Engineering / Environmental Engineering Bachelor of Science / Environmental Engineering	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL / Professional Engineer VA / Professional Engineer
--	---

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
Mr. Cunningham is the Jones Edmunds Director of Water Resources with a strong background in stormwater management and wastewater collection system management. He excels in the application of computer models and geographic information systems to assist in planning, problem solving, and developing cost-effective management strategies. Because of his wide range of work experience, Mr. Cunningham understands how projects addressing water resource problems need to be structured to be implementable, affordable, and permissible. He has conducted numerous modeling seminars for a variety of sponsors on the practical use of hydrologic and hydraulic models for watershed evaluation.

**19. RELEVANT PROJECTS**

a (1) TITLE AND LOCATION <i>(City and State)</i> Masters Tract Regional Stormwater Treatment Facility St. Johns County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If Applicable)</i> N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE  
Quality Assurance/Quality Control: Jones Edmunds will design and obtain permitting for a regional stormwater treatment system for St. Johns County that will meet TMDL compliance goals and allow for the construction of State Road 305.

b (1) TITLE AND LOCATION <i>(City and State)</i> Cross Bayou Watershed Plan (sub to Greenman-Pedersen) Pinellas County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2008	CONSTRUCTION <i>(If Applicable)</i> N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE  
[X] Check if project performed with current firm  
QA/QC - Mr. Cunningham's involvement in this project started with an assessment of the work that had been performed for the project by two other firms. He then provided recommendations for adjustments to the project, including development of digital topographic information. He directed subsequent modeling tasks associated with using the new topographic information and was responsible for communication with the County and SWFWMD.

c (1) TITLE AND LOCATION <i>(City and State)</i> Roberts Bay Watershed Management Plan Sarasota County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2008	CONSTRUCTION <i>(If Applicable)</i> N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE  
[X] Check if project performed with current firm  
Director - Mr. Cunningham provided technical guidance on flood control, water quality, erosion and sedimentation, and water supply aspects of the project. Jones Edmunds planned, designed, and implemented a comprehensive WMP.

d (1) TITLE AND LOCATION <i>(City and State)</i> Blue Run Watershed Management Plan Marion County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2009	CONSTRUCTION <i>(If Applicable)</i> N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE  
[X] Check if project performed with current firm  
Director - Mr. Cunningham provided quality assurance and quality control, guided the technical aspects of the project, and was responsible for project communication to SWFWMD and Marion County. The Blue Run WMP consists of selected elements from SWFWMD Watershed Management Plan Guidelines & Specifications. Jones Edmunds created digital topographic information, evaluated a watershed, identified surveys to be performed by a professional surveyor, evaluated maintenance, and completed a watershed management plan.

e (1) TITLE AND LOCATION <i>(City and State)</i> Pollutant-Loading Model Development Sarasota County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If Applicable)</i> N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE  
[X] Check if project performed with current firm  
Director - Mr. Cunningham provided quality assurance/quality control services on all aspects of the project. He guided all aspects of model development and calibration. He also oversaw project communications and project reports. Jones Edmunds is developing a verified pollutant-loading model to accurately estimate loads from proposed land development designs, to estimate the effectiveness of projects intended to reduce pollution, and to relate pollutant load to water quality conditions in receiving water bodies.

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

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

12. NAME Walter Nickel, PE	13. ROLE IN THIS CONTRACT Civil and Roadway – Transportation & Drainage	14. YEARS EXPERIENCE	
		a. TOTAL 25	b. WITH CURRENT FIRM 1
5. FIRM NAME AND LOCATION <i>(City and State)</i> Jones Edmunds & Associates, Inc., Gainesville, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL / Professional Engineer OH / Professional Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Nickel is Department Manager of Civil Design at Jones Edmunds. He has experience providing a wide range of civil engineering services to local governmental authorities and land developers. Mr. Nickel applies his expertise in the design, technical oversight, and management of various projects. He has coordinated engineering activities for governmental highway and infrastructure projects as well as industrial and commercial site development projects. Mr. Nickel has served as a Project Manager and Design Engineer on roadway design and improvement/rehabilitation, bridge design and rehabilitation, site development and expansion, site/utility design, and stormwater design projects.			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a	Masters Tract Regional Stormwater Treatment Facility St. Johns County, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC PROJECT Project Manager: Jones Edmunds will design and obtain permitting for a regional stormwater treatment system for St. Johns County that will meet TMDL compliance goals and allow for the construction of State Road 305.		
b	CR 125 Widening and Resurfacing Union County, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC PROJECT Project Engineer: Jones Edmunds is providing permitting, design, and limited construction services for widening and resurfacing approximately 3.4 miles of County Road 125 from SR 121 to the Bradford County Line in Union County, Florida. This project is funded through the FDOT under the Small County Outreach Program.		
c	Sweetwater/Paynes Prairie Sheetflow Restoration Final Design Gainesville, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC PROJECT Project Manager: Jones Edmunds will complete the final design and permitting of the Sweetwater Branch/Sheetflow Restoration Project. We are currently working to complete the 30% plans and specifications.		
d	Kenwood Boat Ramp Access Road, Parking Area, Ramp Improvements	Ongoing	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC PROJECT Project Manager: Jones Edmunds takes over this project from another consultant. The FDEP Office of Greenway Trails wishes to improve road access to the Kenwood Boat Ramp in Putnam County. The project consists of two phases that are to be designed concurrently. Phase 1 includes 1400 feet of existing dirt roadway improvements, ramp access, and parking areas. Phase 2 includes 3200 feet of improved roadway access and possible turn lanes on CR 315. Both phases include related stormwater issues and permitting. Jones Edmunds' scope of work may include reviewing and commenting on the previous consultant's work and/or redoing their previous work plus new design work.		
e	SW 8th Avenue Recreational Path Design and Permitting	Ongoing	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC PROJECT Project Manager: Jones Edmunds will design and obtain permitting for the construction of a bike/pedestrian path along SW 8th Avenue from east of 75th Street to 122nd Street.		

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

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

12. NAME Matthew Herrmann, PE	13. ROLE IN THIS CONTRACT Civil and Roadway - Roadway Design/ Permitting	14. YEARS EXPERIENCE	
		a. TOTAL 15	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION <i>(City and State)</i> Jones Edmunds & Associates, Inc., Gainesville, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL / Professional Engineer GA / Professional Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Herrmann has several years of experience in highway engineering and civil engineering. He is trained in various hydraulic analysis programs including HEC-RAS, PondPack, HY8, FlowMaster, and WSPRO. Mr. Herrmann is proficient in MicroStation, CAICE and GEOPAK for design and production of roadway and site development plans.			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	Alligator Creek Channel F Improvements Clearwater, FL	2009	2010
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Engineer: Jones Edmunds provided preliminary and final design plus permitting and construction-observation services for stabilizing an eroding stream channel (Channel F) in the City of Clearwater's Alligator Creek and bringing the channel's alignment back into the City's drainage easement. The City undertook the project in response to long-time complaints from residents about the situation. During the project Jones Edmunds worked with residents to minimize damage to private property during construction and re-alignment.		
b.	Manatee Avenue Roadway Improvements Bradenton, FL	2005	Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Engineer Mr. Herrmann was responsible for coordination with FDOT for this LAP-funded project. He coordinated the efforts of utility engineers, landscape architects, and roadway engineers with input from FDOT to implement Department of Transportation design standards.		
c.	CR 125 Widening and Resurfacing Union County, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Task Manager Jones Edmunds is providing permitting, design, and limited construction services for widening and resurfacing approximately 3.4 miles of County Road 125 from SR 121 to the Bradford County Line in Union County, Florida. This project is funded through the FDOT under the Small County Outreach Program.		
d.	CDBG/EDTF Infrastructure Improvements Alachua, FL	2005	2005
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager: Mr. Herrmann prepared construction documents and provided construction services for all phases of the project. Jones Edmunds provided surveying, testing, permitting, design, bidding, and construction-phase services to the City of Alachua for roadway and utility infrastructure improvements to serve a proposed Wal-Mart Distribution Center near CR 235A. The project included approximately 1 mile of new two-lane divided roadway with turn lanes, stormwater swales, sidewalks, water mains, gravity sewers, lift station, force mains, back-up generators, and street lighting.		
e.	NE SAFETEA-LU Roadway Improvements Gainesville, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Task Manager: Jones Edmunds is working with the City of Gainesville to narrow the scope of possible roadway improvement projects. In Phase I of the project Jones Edmunds will coordinate with City staff to conduct two public meetings to solicit comment and suggestions for improvements to the three project corridors. We will coordinate the meeting times and places and prepare materials for the meetings, including mailers for the City to send out, presentation graphics, handouts, and comment cards. After the meetings we will review and report on the written and oral comments received from the meetings to help the City limit the scope of projects.		

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

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

12. NAME Alan Foley, PE	13. ROLE IN THIS CONTRACT Civil and Roadway – Stormwater/Water Resources	14. YEARS EXPERIENCE	
		a. TOTAL 12	b. WITH CURRENT FIRM 11
15. FIRM NAME AND LOCATION <i>(City and State)</i> Jones Edmunds & Associates, Inc., Gainesville, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Engineering / Environmental Engineering / University of Florida / 2002 Bachelor of Science / Environmental Engineering / University of Florida / 1996		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL / Professional Engineer / 60075 / 2003	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Foley has experience performing GIS/GPS analysis, water resources management, and systems ecology. He also has experience participating in and managing a variety of engineering, GIS, and environmental science projects. Mr. Foley has significant experience integrating hydrologic and hydraulic modeling with GIS-based tools and GPS for an efficient approach to system inventory and analysis, system modeling, and watershed master planning.			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	Masters Tract Regional Stormwater Treatment Facility St. Johns County, FL	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE GIS Analyst: Jones Edmunds will design and obtain permitting for a regional stormwater treatment system for St. Johns County that will meet TMDL compliance goals and allow for the construction of State Road 305.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	Homosassa South Fork Watershed Improvements Lecanto, FL	2003	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE GIS Analyst: Mr. Foley converted approximately 60 square miles of hardcopy one-foot elevation contours to a digital format. This elevation data was critical to adequately characterize this karst watershed. The elevation data was used to generate a TIN that formed the basis of the hydraulic model development. Spatial data (e.g. ARC/INFO coverages) was formatted to adhere to Water Management District standards and specifications. Also updated floodplain information for the stormwater master plan. Jones Edmunds helped Citrus County with ongoing stormwater improvement efforts in the Homosassa South Fork watershed. This Watershed Management Plan project was co-funded by SWFWMD. This project consisted of data collection, GIS data conversion (including topographic data), watershed characterization, preliminary watershed evaluation, floodplain analysis, level of service determination, alternative and cost/benefit analysis, and permit coordination. We also prepared recommendations for flood protection, emergency preparedness, and water quality improvements.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	Stormwater Master Plan and Implementation Destin, FL	2004	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE GIS Analyst: Mr. Foley provided GPS inventory of all stormwater structures to determine what structures the City has and to provide a base map for mapping and for the future operation and maintenance activities. Jones Edmunds developed a Citywide stormwater and flood plain management master plan as part of the City's ongoing effort to reduce property damages and adverse economic impacts due to flooding and other stormwater hazards. The stormwater master plan helps the City direct capital improvement projects and develop code standards and places the City in compliance with the NPDES Phase II Program.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	Revitalization of Sweetwater Branch Gainesville, FL	2004	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE GIS Analyst: Mr. Foley provided GIS and field support throughout the duration of this project. Jones Edmunds assessed the ecology, erosion, and infrastructure of the 3.7-mile-long stream system and conducted a detailed characterization of 13 stream reaches. The primary goal of the project was to improve the surface water quality of the base flow and stormwater of the <u>Sweetwater Branch watershed</u> .	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	Lake City Stormwater Master Plan Columbia County, FL	2000	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE GIS Analyst: Mr. Foley provided integration/coupling of hydrologic modeling (HEC-RAS and HEC-HMS) with GIS-based watershed modeling tools and GPS to streamline the development of a regional Stormwater management plan. Jones Edmunds gathered all relevant information necessary to assess stormwater issues and to determine the location and extent of flooding problems in the study area, including topography, soils, land use, existing drainage infrastructure and its status, previously conducted drainage studies, and empirical information through interviews and meetings with local citizens and officials.	<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 Mark Nelson, PE	13. ROLE IN THIS CONTRACT Project Engineer – GIS/ Digital Topographic Information	14. YEARS EXPERIENCE	
		a. TOTAL 17	b. WITH CURRENT FIRM 14
15. FIRM NAME AND LOCATION <i>(City and State)</i> Jones Edmunds & Associates, Inc., Gainesville, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Engineering / Civil Engineering Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL / Professional Engineer Geographic Information Systems Professional (GISP)	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Nelson is thoroughly familiar with GIS applications for engineering and environmental analysis. He also has experience in the areas of water resources management. He has formal training in ESRI, Erdas, Miner & Miner, and Trimble products. He has experience in GIS applications, development, and management. He has also taught GIS and engineering courses at the University of Florida's Civil Engineering Department as an adjunct professor.			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	Masters Tract Regional Stormwater Treatment Facility St. Johns County, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Quality Assurance/Quality Control: Jones Edmunds will design and obtain permitting for a regional stormwater treatment system for St. Johns County that will meet TMDL compliance goals and allow for the construction of State Road 305.	Check if project performed with current firm	
b.	Water Distribution System Model Bradenton, FL	2000	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Engineer: Mr. Nelson developed a Cybernet model from a series of AutoCAD drawings of the potable water system piping. The AutoCAD drawings were initially georeferenced to the county parcel map. The City's billing records were then linked by address to parcels and to junctions in the model using ArcView to assign demands to the system. The elevations for each junction were assigned by overlaying the junctions onto digital USGS 7.5 minute quadrangle maps, and verified using GPS.	Check if project performed with current firm	
c.	Wetland and TMDL Feasibility Study St. Johns County, FL	2010	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Client Services: Jones Edmunds evaluated the feasibility of regional stormwater treatment wetland mitigation in five primarily SJRWMD-owned properties by quantifying benefits and costs.	Check if project performed with current firm	
d.	FDEM Statewide Coastal Mapping Florida Division of Emergency Management	Ongoing	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Officer: Mr. Nelson provided project direction and quality assurance. Jones Edmunds augmented the staff of the Florida Division of Emergency Management to assist in program management of the ongoing LiDAR data collection, regional HurrEvac studies, and SLOSH model updates. Jones Edmunds will be cataloging and managing the data collected throughout the \$29 million statewide project and will be performing QA/QC on the LiDAR and orthophotography on behalf of the State.	Check if project performed with current firm	
e.	Elevation Data Collection SFWMD	2006	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE QA/QC: Jones Edmunds coordinated the inventory, analysis, and review of all existing topographic information for the SFWMD. The project required coordination with District staff, the U.S. Army Corps of Engineers, other state and federal agencies, and the District's contractors.	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 Amy Goodden	13. ROLE IN THIS CONTRACT Stormwater Systems	14. YEARS EXPERIENCE	
		a. TOTAL 10	b. WITH CURRENT FIRM 2

15. FIRM NAME AND LOCATION *(City and State)*  
Jones Edmunds & Associates, Inc., Gainesville, FL

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science / Environmental Engineering Master of Engineering / Environmental Engineering Bachelor of Science / Environmental Science	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL / Professional Engineer FL / Engineer Intern
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
Ms. Goodden is an environmental engineer with Jones Edmunds' Water Resources discipline. Her experience includes design and modeling of wetland restoration, stormwater treatment, and water and wastewater treatment systems. Ms. Goodden is also knowledgeable in permitting regulations.

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	Masters Tract Regional Stormwater Treatment Facility St. Johns County, FL	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	[X] Check if project performed with current firm	
	Project Engineer: Jones Edmunds will design and obtain permitting for a regional stormwater treatment system for St. Johns County that will meet TMDL compliance goals and allow for the construction of State Road 305.		
b.	Phase III - LID Manual Sarasota County, FL	2009	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	[X] Check if project performed with current firm	
	Project Engineer: Jones Edmunds developed a Low-Impact Development (LID) Manual for Sarasota County. This LID Manual was based partly on successful design ideas from similar manuals around the country and was tailored to the conditions encountered in Sarasota County. Development of the LID Manual included incorporating input from a large, involved working group that included various groups within Sarasota County (public and private), SWFWMD, and some nearby communities.		
c.	Stormwater Treatment Evaluation; Tyndall Air Force Base Panama City, Florida.	2005	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	[ ] Check if project performed with current firm	
	Project Engineer: Ms. Goodden evaluated the existing stormwater treatment features. She prepared a summary report and created a GIS map that identified the type of stormwater treatment feature and the permitting status of each feature. Ms. Goodden also provided recommendations and prepared a schematic design for a regional stormwater treatment system for the Air Force Base.		
d.	Sweetwater Branch Sheetflow Restoration Gainesville, FL	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	[X] Check if project performed with current firm	
	Project Engineer: Ms. Goodden is supporting with developing the design basis and philosophy for a stormwater park and treatment wetland. She is integrating concerns for aesthetics and public access into the design, which must accommodate high peak flows, remove sediment and trash, and provide extensive erosion control. Jones Edmunds is providing the preliminary design, design (plans and specifications), bidding, and permitting services; interfacing with project stakeholders; and identifying		
e.	Crystal River Watershed Management Plan Southwest Florida	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	[X] Check if project performed with current firm	
	Project Engineer: Under the SWFWMD Guidelines and Specifications, Jones Edmunds developed a Watershed Management Plan for the 12-square-mile Crystal River Incorporated Watershed. Jones Edmunds was responsible for the following tasks: sampling water quantity and quality, creating digital topographic information, conducting a watershed evaluation, and completing a watershed management plan.		



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

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

12. NAME Benjamin J. Bukata, MS, PWS	13. ROLE IN THIS CONTRACT Environmental - Water Quality and Natural Systems	14. YEARS EXPERIENCE	
		a. TOTAL 14	b. WITH CURRENT FIRM 12

5. FIRM NAME AND LOCATION *(City and State)*  
Jones Edmunds & Associates, Inc., Gainesville, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*  
Master of Science / Wetlands Ecology  
Bachelor of Science / Wildlife Ecology

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*  
Professional Wetland Scientist

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
Mr. Bukata has worked in various capacities as a wetland scientist and GIS Analyst. He has demonstrated the comprehensive interdisciplinary project management experience necessary to provide support and analysis for environmental projects with an emphasis in wetlands. He has proven experience providing technical expertise in ecological services including establishing jurisdictional wetland boundaries, environmental permitting, designing wetland restoration sites, conducting qualitative and quantitative vegetation monitoring, conducting soil assessments, and conducting wildlife evaluations. He also has extensive GIS experience from managing GIS projects to using this technology to increase efficiency and improve products to our clients.

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	Space Commerce Way Northwest Leg CES and Wetlands Mitigation Kennedy Space Center, FL	2004	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Scientist: Jones Edmunds assisted project scientist with delineation of jurisdictional wetlands and surface waters in project area, SJRWMD and ACOE review of wetland lines, designing an approximately 2.0 acre emergent marsh in abandoned citrus groves, and permitting.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	Masters Tract Regional Stormwater Treatment Facility St. Johns County, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Scientist: Jones Edmunds will design and obtain permitting for a regional stormwater treatment system for St. Johns County that will meet TMDL compliance goals and allow for the construction of State Road 305.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	Wetland and TMDL Feasibility Study St. Johns County, FL	2010	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Scientist: Jones Edmunds evaluated the feasibility of regional stormwater treatment wetland mitigation in five primarily SJRWMD-owned properties by quantifying benefits and costs.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	Revitalization of Sweetwater Branch Gainesville, FL	2004	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Environmental Scientist: Mr. Bukata was responsible for assessing the entire stream system and writing a comprehensive literature review of Sweetwater Branch. He compiled and analyzed all existing water quality data for SW Branch. He also conducted a vegetation and erosion assessment of the entire stream length.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	SE 31st Street Retrofit Marion County, FL	2007	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager: Jones Edmunds has designed and is obtaining permitting for a 2.3-acre lined stormwater treatment wetland and a 0.1-acre bioretention area to treat stormwater from this watershed. The intent of this project is to attenuate peak flows and improve water quality before discharging to the large sinkhole.	<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 William Millinor, GISP	13. ROLE IN THIS CONTRACT GIS- Task Manager	14. YEARS EXPERIENCE	
		a. TOTAL 9	b. WITH CURRENT FIRM 4

15. FIRM NAME AND LOCATION <i>(City and State)</i> Jones Edmunds & Associates, Inc., Gainesville, FL
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16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Science / Natural Resource Management-Spatial Information Systems Bachelor of Science / Forest Resources and Conservation	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Geographic Information Systems Professional (GISP)
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18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Millinor has extensive experience in GIS. He is well-versed in designing and implementing accuracy assessments and field data collection using ArcPad and GPS. He has successfully managed a wide range of projects for clients throughout the state including cities, counties, and water management districts ranging from data conversion and terrain generation to needs assessments and enterprise GIS/CMMS implementations. He has worked with ArcGIS and Imagine to map vegetation and fire fuel loads using true color infrared aerial photography. Mr. Millinor taught advanced GIS courses at North Carolina State University (NCSU) for five years and was a visiting lecturer for two years at the University of North Carolina at Chapel Hill where he taught GIS and GPS in the Geology Department.
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**19. RELEVANT PROJECTS**

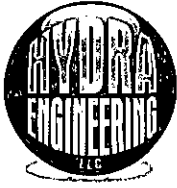
a. (1) TITLE AND LOCATION <i>(City and State)</i> Wares Creek Bridge Replacement Bradenton, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If Applicable)</i> N/A
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE GIS Analyst: Jones Edmunds prepared final design, plans, and specifications for four replacement bridges crossing Wares Creek. The project also included additional surveying of upstream bridges, updating the hydrologic model, and permitting for 9th Ave West bridge construction.		Check if project performed with current firm

b. (1) TITLE AND LOCATION <i>(City and State)</i> FDEM Statewide Coastal Mapping Florida Division of Emergency Management	(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 Project Manager: Mr. Millinor managed the Jones Edmunds FDEM LiDAR QA team. This entailed tracking the budget for the multi-year project and attending weekly teleconferences with the contractors to work through ongoing issues and concerns. Mr. Millinor was in constant contact with FDEM to keep them apprised of progress throughout the project and was ultimately responsible for delivering QA reports to the State for use in acceptance of the LiDAR. Jones Edmunds augmented the staff of the Florida Division of Emergency Management to assist in program management of the ongoing LiDAR data collection, regional HurrEvac studies, and SLOSH model updates.		Check if project performed with current firm

c. (1) TITLE AND LOCATION <i>(City and State)</i> Elevation Data Collection SFWMD	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2006	CONSTRUCTION <i>(If Applicable)</i> N/A
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager: Mr. Millinor was responsible for all services provided for this project, including coordinating with the several entities involved. Mr. Millinor reviewed literature on procedures for topographic updates and created a Standard Operating Procedure for ongoing District updates. Jones Edmunds coordinated the inventory, analysis, and review of all existing topographic information for the SFWMD. The project required coordination with District staff, the U.S. Army Corps of Engineers, other state and federal agencies, and the District's contractors.		Check if project performed with current firm

d. (1) TITLE AND LOCATION <i>(City and State)</i> Cityworks Implementation St. Johns County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2009	CONSTRUCTION <i>(If Applicable)</i> N/A
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager: Mr. Millinor is managing the ongoing effort between SJCUD and Jones Edmunds to implement Cityworks, a GIS-centric CMMS. This includes coordination between SJCUD and Jones Edmunds to develop water and wastewater database models as well as developing standardized workflows for us within SJCUD. Mr. Millinor must also manage the budget and deliverables to ensure the project is completed on time and under budget. Jones Edmunds help the County establish and implement a computerized maintenance management system (CMMS) using the software package Cityworks, a GIS-centric work-management solution.		Check if project performed with current firm

e. (1) TITLE AND LOCATION <i>(City and State)</i> LiDAR Quality Assurance Lee County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2009	CONSTRUCTION <i>(If Applicable)</i> N/A
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager: Mr. Millinor was in constant contact with Lee County personnel and the County LiDAR contractor to ensure move the project to completion in a timely manner while receiving a quality product for the County. Jones Edmunds provided planning and quality assurance for the Lee County LiDAR mapping project. We worked to maintain consistency in the LiDAR deliverables throughout Lee County while checking the vertical accuracy and completeness of the LiDAR data.		Check if project performed with current firm



## **B. EXPERIENCE WITH PROJECTS OF SIMILAR TYPE AND SIZE**

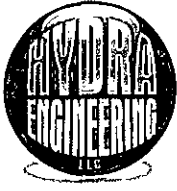
1. Ten (10) projects are provided on the following pages that illustrate the experience of our firm and our staff with similar projects. All of the projects provided were completed by Hydra or Jones Edmunds' staff and the personnel that would be utilized to perform the work under this contract.
2. Hydra is currently working on three (3) projects that are similar in nature and size as the projects proposed in this contract. They are as follows:
  - A. **Wakulla Gardens Regional Stormwater Study** - Stormwater modeling and preparation of reports to determine the existing 100-year floodplain of a historic subdivision on approximately 592 acres and to provide stormwater recommendations and designs for the regional stormwater improvements.
  - B. **Tower Road Restroom and Pavilion** – The site planning of this relatively small project required the hydrologic and hydraulic modeling of the offsite contributing basin. The site is located in a closed basin, has an existing drainage channel along the property line and outfalls to a flood control pond. The channel needed to be modeled to determine staging elevations in different storm event so that the stormwater facilities for the proposed improvements could be designed and to determine the existing floodplain elevations.
  - C. **Pine Glen Bridge** – Hydra is currently designing a new bridge over Shoal Creek in Talladega, Alabama. The proposed bridge needs to provide 5' of vertical clearance over the 100 year water surface elevation to allow for debris to travel under the bridge. The 11,481 acre basin was modeled using regional regression equations and the bridge crossing was analyzed using HEC-RAS to assure that the bridge opening was adequate and would not cause excessive backwater.

### 3. Code Compliance:

At the beginning of each task, Hydra will meet with Leon County staff to understand the scope of work and ensure the relevant codes and regulatory processes are followed. Prior to commencing the project, current local, state and federal applicable codes and design standards will be obtained to ensure accuracy in the planning and design processes.

### 4. Basic and Special Resources available to the firm:

Hydra is not only committed to staffing the firm with the finest professionals available, we also have an on-going commitment to provide that staff with state-of-the-art equipment to assure its position at the forefront of civil engineering techniques in the region, including the incorporation of the latest hydraulic and hydrologic modeling software.



## *HYDRA ENGINEERING, LLC*

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### Specialty software:

- Interconnected Channel and Pond Routing Model (ICPR) by Streamline Technologies
- XP-SWMM by XP Software
- HEC-RAS, version 4.1.0; Army Corps of Engineers
- HEC-HMS, version 3.5; Army Corps of Engineers
- MODRET by Scientific Software Group
- AutoCAD Civil 3D Land Development Desktop 2010
- ArcGIS by Environmental Science Research Institute (ESRI)
- Microsoft Office 2010: Word, Excel, Access, PowerPoint, Publisher
- Adobe Acrobat 9



**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 <i>(City and State)</i> <b>Wakulla Gardens Regional Stormwater &amp; Floodplain Analysis</b> Crawfordville, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION (if Applicable) Estimated 2011

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Wakulla County BOCC 3093 Crawfordville Hwy Crawfordville, FL 32327	b. POINT OF CONTACT NAME Lindsay Stevens	c. POINT OF CONTACT TELEPHONE NUMBER 850-926-3695
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope, size, and cost)*

Leslie Hope is the Project Manager for Hydra Engineering and the lead stormwater modeler, hydrologist and hydraulic engineer on this project.

Wakulla Gardens is a historic subdivision in Crawfordville, Florida that was originally platted in the 1950's without the aid of stormwater infrastructure. The subdivision has five units with 3,822 lots on 592 acres. During storm events, several residential buildings have flooded and roads have been impassable.



The hydrology was determined using the Natural Resources Conservation Services (SCS) Methodology. The precipitation amounts were derived from the Florida Department of Transportation's rainfall curves. The routing of the stormwater utilized the computer program adICPR. Regional detention facilities were placed to control stormwater rates and provide flood storage due to the majority of the subdivision is in closed basins.

The Regional Storm Drainage Master Plan required multiple coordination meetings with Wakulla County, Northwest Florida Water Management District and FEMA consultants.



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

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Hydra Engineering, LLC	Crawfordville, Florida	Hydrologist, Water Resources Engineer
b.			

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

20. EXAMPLE PROJECT KEY NUMBER  
 2

21. TITLE AND LOCATION *(City and State)*

22. YEAR COMPLETED

**South Beebe Draw Metropolitan District**  
 Lochbuie, Colorado

PROFESSIONAL SERVICES  
 2007

CONSTRUCTION (if Applicable)  
 N/A

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

South Beebe Draw Metropolitan District  
 5460 South Quebec Street, Suite 100  
 Greenwood Village, CO 80111

b. POINT OF CONTACT NAME

Sid Davidson

c. POINT OF CONTACT TELEPHONE NUMBER

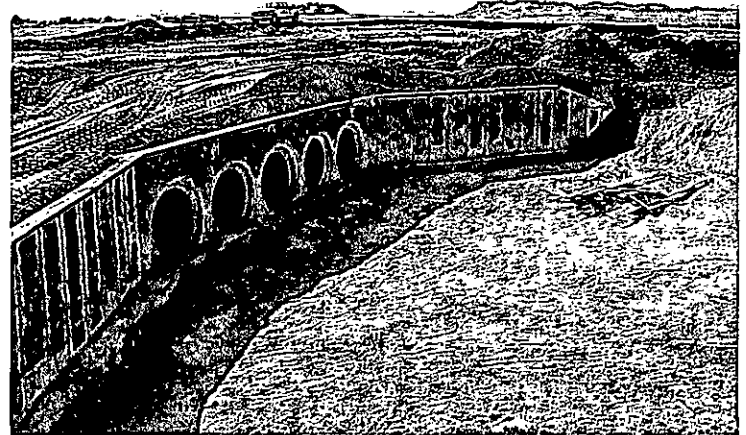
303-785-5713

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

Leslie Hope was the South Beebe Draw Metropolitan District Engineer, a stormwater improvement district, from 2000 to 2007. Her duties as a District Engineer consisted of preparing a regional storm drainage master plan for 29,266 acres that were tributary to an impaired waterway, design, bidding and construction observation of regional drainage and water quality facilities, and review of drainage reports submitted for sites within the district boundaries.

Within the drainage basin boundaries, there were multiple irrigation canals and conveyance facilities that had to be accommodated with the future stormwater planning.

The hydrology was determined using the Colorado Urban Hydrograph Procedure. The precipitation amounts were derived from the NOAA maps for Colorado. The routing of the stormwater utilized the computer program UD-SWMM. Regional detention facilities were placed to control stormwater rates and to increase the water quality to the Beebe Seep - owned by Farmer's Reservoir Irrigation Company.



The Army Corps of Engineers, HEC-RAS backwater computer model was used to determine the 100 year water surface elevations, base flood widths and flooding limits for the Beebe Seep and portions of the tributaries within the study limits. Stage versus storage calculations were determined on existing and proposed detention and stormwater treatment facilities.

Since the ultimate outfall for Beebe Seep is an impaired waterway, multiple design recommendations were made to increase the water quality from the stormwater runoff from existing and future sites within the drainage basin.

The Regional Storm Drainage Master Plan required multiple coordination meetings with local municipalities, Farmer's Reservoir Irrigation Company, Urban Drainage and Flood Control District and FEMA consultants.

This work was performed by Leslie Hope while at High Country Engineering, Inc.

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

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Hydra Engineering, LLC	Crawfordville, Florida	Project Manager / District Engineer
	(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

TITLE AND LOCATION <i>(City and State)</i> <b>St. Augustine Letter of Map Revision Tallahassee, Florida</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2009	CONSTRUCTION (if Applicable) N/A

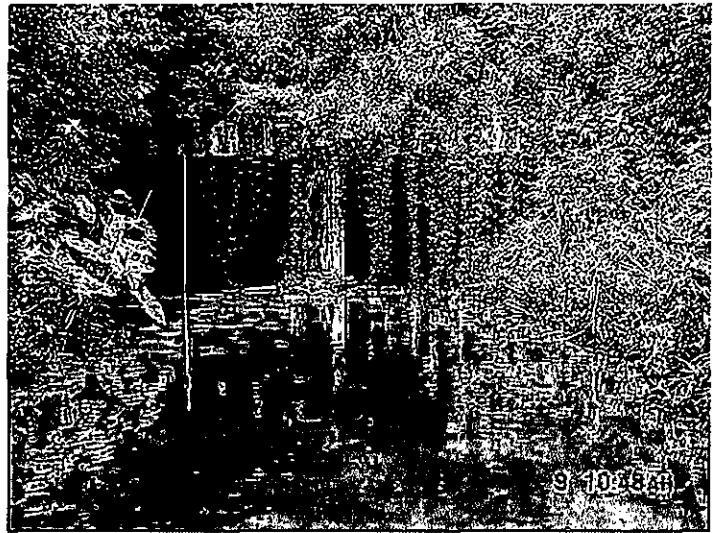
**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER City of Tallahassee 300 S. Adams Street Tallahassee, FL 32301	b. POINT OF CONTACT NAME Gabriel Menedez	c. POINT OF CONTACT TELEPHONE NUMBER 850-891-8197
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Hydra Engineering was a subconsultant to Genesis Group to prepare the Letter of Map Revision for the St. Augustine Branch floodplain. Leslie Hope with Hydra was responsible for preparing the project narrative, completing the Letter of Map Revision application and coordinating the submittal package to the City of Tallahassee.

Hydra also reviewed the XP-SWMM hydrologic and hydraulic analysis for the existing conditions of the St. Augustine Branch. The project required coordination between team members and reviewing previous studies and models to develop a complete and accurate submittal.



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

a.	(1) FIRM NAME Hydra Engineering, LLC	(2) FIRM LOCATION (City and State) Crawfordville, Florida	(3) ROLE Hydraulic Engineer
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

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

20. EXAMPLE PROJECT KEY NUMBER  
4

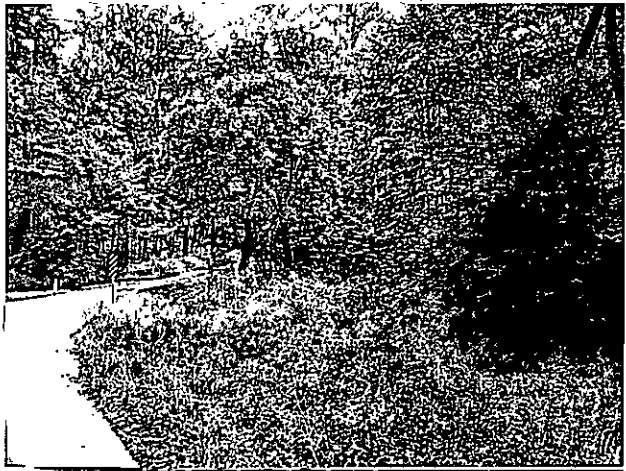
21. TITLE AND LOCATION (City and State)  <b>Pine Glen Bridge</b> Talladega National Forest, Alabama	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION (if Applicable) 2011

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER USDA – National Forests in Alabama P.O. Box 278 Double Springs, AL 35553	b. POINT OF CONTACT NAME Karen Pulliam	c. POINT OF CONTACT TELEPHONE NUMBER (205) 489-5111 Ext. 131
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Hydra was the designer on a Design / Build project in the Talladega National Forest. Joe Hope is the Project Manager and Project Engineer and Leslie Hope is the hydrologist and hydraulic engineer on the project. The project was designed to be a seventy (70) foot single span precast concrete bridge. The stream being bridged has potential habitat for endangered mussels and the project was designed to minimize impacts both to the stream and the wetlands. Approaches to the new bridge had to be designed and the existing bridge had to be kept in service during construction. This required special attention to our traffic control plan. A hydraulic study was performed to establish the 100 year floodplain elevation. Due to debris passage, the structure was designed with 5' of freeboard above the 100 year water surface elevation.



Period of Performance (Design) – 90 Days  
Design Contract Amount – \$64,500.00

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

a.	(1) FIRM NAME Hydra Engineering, LLC	(2) FIRM LOCATION (City and State) Crawfordville, Florida	(3) ROLE Project Manager / Project Engineer / Water Resources Engineer
	(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

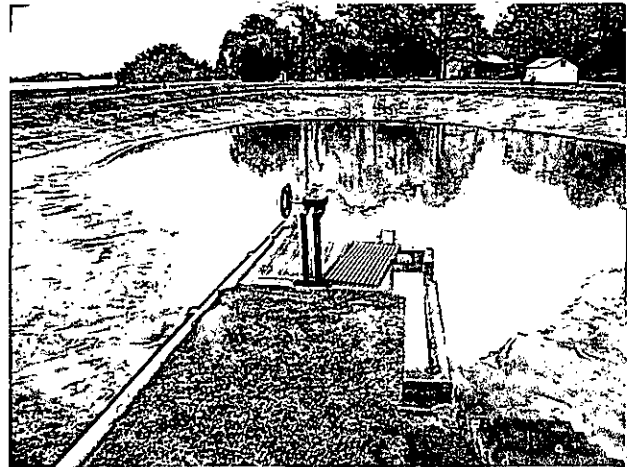
TITLE AND LOCATION <i>(City and State)</i>  <b>Bears Bluff Fish Hatchery</b> Wadmalaw Island, South Carolina	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION (if Applicable) 2010

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER U.S. Fish and Wildlife 1875 Century Blvd., Suite 330 Atlanta, GA 30345	b. POINT OF CONTACT NAME  Billy Edwards	c. POINT OF CONTACT TELEPHONE NUMBER  (404) 679-4127
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Bears Bluff Fish Hatchery is a Design – Build project consisting of rehabilitation of two fish rearing ponds designed to raise cobia at the Bears Bluff National Fish Hatchery. Hydra Engineering was the team leader and Joe Hope was the project manager and design engineer for the design portion of the project. The scope of work consisted of: surveying the existing facilities at Ponds 5 and 6, wetland delineation and permitting, designing water control structures and fish capture kettles, re-grading the ponds, piping design, pump sizing and electrical design.



Period of Performance (Design) – 60 Days  
Design Contract Amount – \$26,000.00

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

a.	(1) FIRM NAME Hydra Engineering, LLC	(2) FIRM LOCATION (City and State) Crawfordville, Florida	(3) ROLE Project Manager / Project Engineer / Water Resource Engineer
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

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

20. EXAMPLE PROJECT KEY NUMBER  
6

TITLE AND LOCATION <i>(City and State)</i> <b>Silver Trout Estates CLOMR Silt, Colorado</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2007	CONSTRUCTION (if Applicable) 2011

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER RGE Group 20 Sunset Drive, Suite 1, P.O. Box 469 Basalt, CO 81621	b. POINT OF CONTACT NAME Scott Russell	c. POINT OF CONTACT TELEPHONE NUMBER 970-927-5288
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



Vernon Hope is the Senior Project Manager and Leslie Hope is the water resources engineer. Mrs. Hope performed stormwater design and floodplain analysis for an eighteen lot subdivision along the Blue River. The flood analysis consisted of assisting the Town of Silverthorne in establishing the existing 100 year floodplain and floodway limits for the Blue River utilizing HEC-RAS.



A Conditional Letter of Map Revision was prepared based on the proposed grading within the 100-year floodplain. The proposed 100 year and 500 year floodplain limits were established for the Blue River.

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

a.	(1) FIRM NAME Hydra Engineering, LLC	(2) FIRM LOCATION (City and State) Crawfordville, Florida	(3) ROLE Project Manager / Water Resources Engineer
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

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

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

20. EXAMPLE PROJECT KEY NUMBER

7

21. TITLE AND LOCATION *(City and State)*

**White River National Wildlife Refuge**  
St. Charles, Arkansas

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2010

CONSTRUCTION (if Applicable)  
2010

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

U.S. Fish and Wildlife  
1875 Century Blvd., Suite 330  
Atlanta, GA 30345

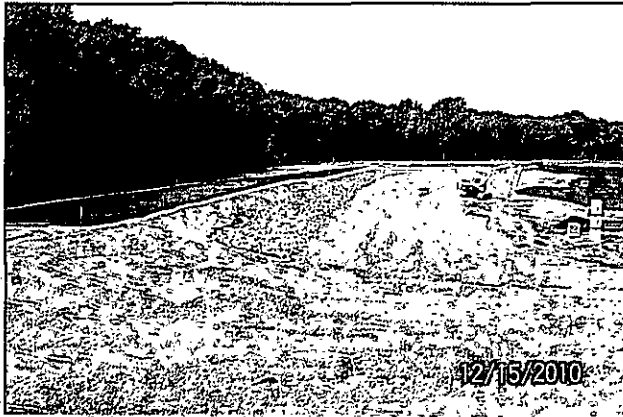
b. POINT OF CONTACT NAME

Paul Kelley

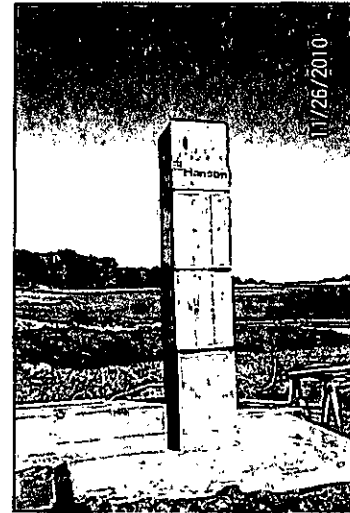
c. POINT OF CONTACT TELEPHONE NUMBER

(404) 679-4119

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



Hydra was the design engineer on a Design / Build project to complete renovations on an existing dam. Joe Hope was the project manager and design engineer. The project included designing a new outfall and release structure for the dam as well as raising the dam and designing a new emergency overflow and bank armoring. The project was reviewed and approved by the USFWS regional office in Atlanta.



Period of Performance (Design) – 90 Days  
Design Contract Amount – \$18,300.00

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

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Hydra Engineering, LLC	Crawfordville, Florida	Civil Engineer
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

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

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

20. EXAMPLE PROJECT KEY NUMBER

8

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
<b>SR 40 Stormwater Retrofit</b> Marion County, FL	2009	2010

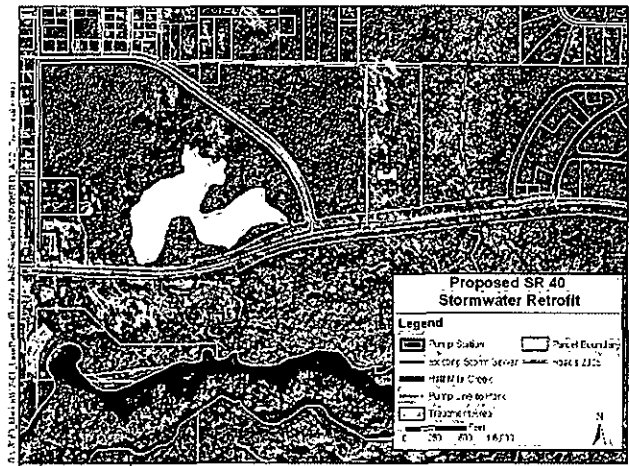
**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Marion County 412 SE 25 <sup>th</sup> Ave. Ocala, FL 34471	b. POINT OF CONTACT NAME Gail Mowry	c. POINT OF CONTACT TELEPHONE NUMBER 352.671.8687
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Jones Edmunds was hired to design a **stormwater treatment retrofit system** in Marion County. Stormwater runoff from a portion of SR 40 is collected in a Florida Department of Transportation (FDOT) storm sewer system beginning within the City of Ocala limits and conveyed to Half Mile Creek with minimal water quality treatment. Half Mile Creek is a tributary of the Silver River – an Outstanding Florida Waterway. The stormwater ultimately enters the Silver River just downstream of the Silver Springs head springs. Improving the water quality treatment for the stormwater was a high priority of Marion County, and funds were provided by Marion County, the Florida Environmental Protection Agency (FDEP), FDOT, and the St. Johns River Water Management District.

A previous design recommended diverting flows from a 60-inch diameter outfall pipe known locally as the "Monster Pipe" by gravity flow to a proposed stormwater treatment pond. The treatment pond site is on State of Florida-owned land within 1,000 feet of the head springs and situated in a karst-sensitive area. The previous design would have required a pipe system to be installed about 17 feet below grade because of the undulations of the karst topography. Excavation depths in excess of 13 feet would have been required on the pond site to provide 6 inches of treatment depth in the pond, resulting in approximately 8 acres of excavation to provide the needed treatment volume. The proposed level of excavation close to one of Florida's first magnitude springs was a significant cause for concern.



As part of a value-engineering review, Jones Edmunds worked with County staff to develop conceptual alternative pump system design to minimize pond site excavation. We helped the County present the design alternatives to the State Acquisition and Restoration Council (ARC) to obtain permission to use State land for a stormwater treatment system. Because of the importance of reducing pollution in the Silver River, the ARC approved a pump system design – this was the first approved use of State lands for stormwater treatment.

Jones Edmunds proceeded to develop a detailed hydrologic and hydraulic model and calibrated it to site-specific rainfall events. Based on the model results, we determined that a maximum pump rate of 15 cfs would treat over 85% of the pollutants currently washing through the system. We designed a subsurface duplex pump station with two submersible pumps providing the 15-cfs maximum pump capacity. Flows in excess of 15 cfs would exit the pump station via a weir and continue into the existing creek. To provide additional protection against sinkhole formation, the pump station controls include solar-powered telemetry at the pond site that will shut down the pump station if water levels in the pond get too high.

In addition to the hydrologic and a hydraulic calculations and pump station design, Jones Edmunds' services included site surveys, subsurface investigations, archaeological investigations, stormwater treatment pond design, incorporation of a recreational path around the pond site, bidding assistance, and construction administration services.

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

a.	(1) FIRM NAME Jones Edmunds & Associates, Inc.	(2) FIRM LOCATION (City and State) Gainesville, FL	(3) ROLE Project Management; Design & Permitting; Construction Administration; Client Services
	(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

TITLE AND LOCATION <i>(City and State)</i> <b>Sweetwater Branch Revitalization Projects</b> Gainesville Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if Applicable) N/A

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER City of Gainesville P.O. Box 490, MS 58 Gainesville, FL 32602	b. POINT OF CONTACT NAME Stewart Pearson, PE, City Engineer	c. POINT OF CONTACT TELEPHONE NUMBER 352.334.5005
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)***

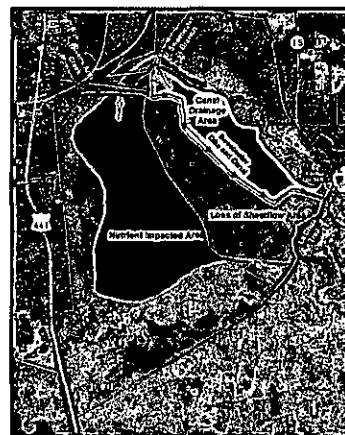
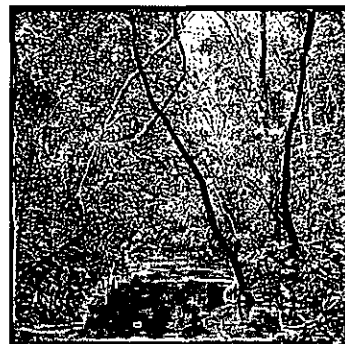
The Sweetwater Branch watershed consists of approximately 2,000 acres in the south-central portion of Gainesville, Florida. Land use in the upper three-quarters of the watershed is heavily urbanized and includes commercial, industrial, and residential areas in addition to natural rural settings. The last master planning effort on the watershed well was completed more than a decade ago. As a result, the City of Gainesville Public Works Department desired to update the Master Plan for the watershed, focusing on water quality. Due to the age of the development within the watershed, most of the urban area discharges go untreated and flow into the creek system.

Sweetwater Branch receives approximately 5.7 MGD of wastewater effluent. In its receiving water (Alachua Sink), elevated nutrient concentrations were identified under the TMDL program. Additionally, significant portions of Sweetwater Branch and its primary tributary, Rosewood Branch, have experienced severe erosion or deposition. Portions of the stream provide little habitat for aquatic organisms and do not support significant aquatic vegetation as a result of the erosion and deposition. Therefore, it was necessary to address both in-stream water quality and stream restoration to revitalize Sweetwater Branch.

To remedy these issues, Jones Edmunds was selected to revitalize the tributaries in the Sweetwater Branch surface water drainage basin that includes both Sweetwater Branch and Rosewood Creek (after confluence, the Sweetwater eventually drains into the Paynes Prairie Preserve). The primary goal of the project was to improve the surface water quality of the base flow and stormwater of the Sweetwater Branch watershed.

Improved water quality is essential to the sensitive and diverse ecosystem of Payne's Prairie, groundwater quality as it enters the Floridan aquifer, and the health of the streams themselves. The initial effort to develop a watershed management plan for restoring the stream system involved collecting and synthesizing the large volume of information on the watershed, followed by collecting field data to characterize the stream system and the hydrology of its watershed. These data were then used to perform a geomorphic analysis, a hydrologic and hydraulic analysis, and a water quality analysis of the stream system. Findings from these analyses were used to formulate the restoration alternatives.

The recommended alternatives comprise 13 projects that include eight subregional ponds, a trash trap, grade control structures and other localized stabilization measures, and a regional wetland treatment system with a second trash trap. The total nitrogen reduction from the recommended alternatives is estimated to be approximately 45%, not including any reductions that would result from advanced nitrogen treatment at the Main Street Wastewater Treatment Plant. The total nutrient load with the recommended alternatives in place may be low enough to restore sheet flow to Paynes Prairie from the Sweetwater Branch watershed without causing a significant adverse impact to the ecological community in the Prairie while significantly restoring the historical hydrology in the Prairie.



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

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Jones Edmunds & Associates, Inc.	Gainesville, FL	Environmental, Watershed, TMDL Modeling Coordination, Data Analysis, Permitting
	(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)*

Lee St. Pond and Canal St. Pond Drainage Improvements

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2009

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

City of Leesburg  
PO Box 490, MS 58  
Gainesville, Florida 32602

b. POINT OF CONTACT NAME

Darel Craine

c. POINT OF CONTACT TELEPHONE NUMBER

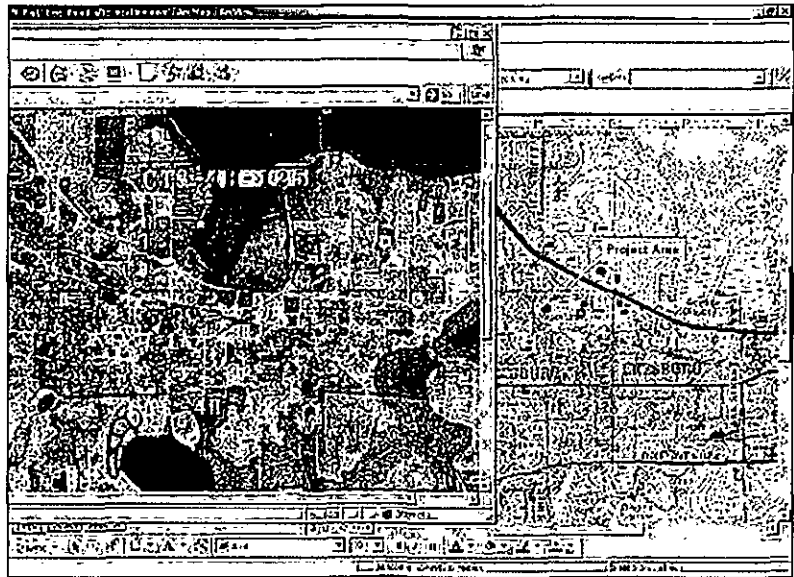
352.728.9835

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

To address multiple needs in the Whispering Pines Basin, Jones Edmunds first developed a project and conducted an evaluation study for the City. To help meet TMDL pollutant-load-reduction goals and provide water quality credits to help facilitate downtown redevelopment, Jones Edmunds recommended construction of two stormwater facilities in the basin—one of which was the Lee Street Stormwater Treatment Facility. The Lee Street facility consists of a 2-acre wet detention pond followed by a 2-acre treatment wetland. The wet detention pond/treatment wetland system should maximize phosphorus removal—the pollutant of concern in the TMDL—while maximizing the benefit to onsite wetlands. Jones Edmunds designed a diversion structure and bypass channel to prevent excessively high flows from entering the pond and re-suspending settled pollutants. The facility was designed to be natural looking by curving the edges and varying the side slopes. The Lee Street pond site also incorporates other park features and an educational kiosk.

Jones Edmunds also helped the City obtain grant funding from the Lake County Water Authority and the Florida Department of Environmental Regulations TMDL grant funding program. The grants cover most of the project costs. Jones Edmunds will also provide post-construction monitoring of the Lee Street pond as part of the grant funding requirements.

This project demonstrates our ability to combine practical design solutions while still providing cost-effective ways to address water quality. It also is a good example of how stormwater design should blend into communities and improve the quality of life.



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

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Jones Edmunds & Associates, Inc.	Gainesville, FL	Project Management, Construction Services, Resident Observer, Client Services, Stormwater, Roadway, Environmental
b.			



## **C. Willingness To Meet Schedule and Budget Requirements**

Hydra emphasizes open communication with a positive attitude to identify and provide for our clients' needs. Staying in touch with the client and its representatives throughout the project is vital to the success of our clients' projects. Hydra strives to consider its clients' resources as though they were its own.

Hydra prides itself on repeat clients. As such the only way to have a client continue to use your services is to provide your projects on time and on budget. In our opinion the primary way to ensure that project schedules are met and budgets are maintained is to have the senior staff member involved with all stages of the planning and design process.

To further verify that our projects are going as expected, Hydra has weekly scheduling meetings where the progress of each of our projects is reviewed versus the proposed schedule and budget to assure that the projects are going as expected.

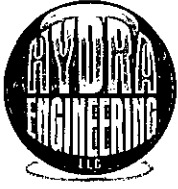
With the experience of Hydra's personnel combined with the depth and strength of Jones Edmund's staff, Leon County's schedule and budgets will be a priority.

## **D. Effect Of Firm's Recent, Current and Projected Workload**

### **1. Names and descriptions of Hydra's Current Workload:**

- Wakulla Gardens Phase 1 Stormwater Improvements: Stormwater Modeling for Critical stormwater improvements; Completion date: April 2011
- Pine Glen Bridge: Bridge Hydraulics Study, Roadway Plans, Specifications; Completion Date: April 2011
- Chaires Fire Station: Site Design, Site Permitting, Environmental Permitting; Completion Date: June 2011
- Tower Road Restroom and Pavilion: Site Plan Modification, Environmental Permitting; Completion Date: April 2011
- Blankenmeyer Mini Storage: Site Planning, Site Design, Site Permitting, Environmental Permitting; Completion Date: July 2011

### **2. As noted above, the majority of Hydra's current projects are expected to be completed within the next couple months. Hydra's staff is currently not operating at full capacity and is prepared to absorb projects resulting from this contract. In the event that additional staff should be needed, Hydra will turn to our sub-consultant, Jones Edmunds, to provide additional staff to assist our Project Managers and Engineers.**



## *HYDRA ENGINEERING, LLC*

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### **E. Effect Of Project Team Location**

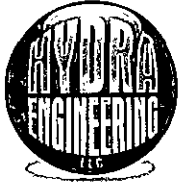
Hydra Engineering is located in Crawfordville, Florida and is registered as a local vendor with Leon County. Due to Hydra being the team leader and locally located, this provides a quick response to attend meetings and site visits. Hydra will be the project manager on all tasks and the work will be performed in our office in Crawfordville, Florida. Since our people live and work in the area, we are very involved with the community and take personal interest in providing a product that we can be proud to say we successfully completed.

### **F. Approach To The Project**

A "scope meeting" is the first step in the approach to any specific project. At this meeting, the County and Hydra will establish the goals of the project, design and permitting criteria, schedule for deliverables and the budget of the task. The fees will be negotiated between Hydra and Leon County. The current local, state and federal applicable codes and design standards will be obtained. Hydra will have weekly internal scheduling meetings to ensure the project is on schedule and within budget. Communication is essential to a successful project and thus Hydra will keep the County's Project Manager or representative abreast of the project's progress.







*HYDRA ENGINEERING, LLC*

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**Request for Proposals for Civil Engineering Services,  
Continuing Supply**

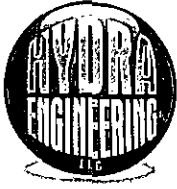
**Proposal Number BC-03-17-11-25**

**Submitted by:**

**Hydra Engineering, LLC  
36 Jasper Thomas Road  
Crawfordville, FL 32327  
(850) 926-2593 phone  
(850) 926-9257 fax**

**CATEGORY: SURVEYING**





## *HYDRA ENGINEERING, LLC*

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### **A. ABILITY OF PROFESSIONAL PERSONNEL**

1. The Hydra Engineering team consists of 2 Professional Engineers from Hydra and 1 Professional Surveyor and Mapper from Edwin Brown and Associates available for this category of projects. Our entire team is locally located, this also provides a quick response to attend meetings and site visits.
2. Resumes for the key professionals for this category of projects are provided in the following pages.

Vernon Hope will be the project lead on all projects in this category and is the Sr. Project Manager for the team. Mr. Hope has extensive experience in surveying and was the CEO of an 80 person surveying and engineering firm in Colorado. His experience as an engineer with extensive surveying knowledge provided valuable insight in developing the correct methodology to completing a surveying project on time and on schedule at the minimum cost to the client.

3. To supplement our teams surveying capability, Hydra has teamed with Edwin Brown and Associates.

Edwin Brown and Associates, Inc. (EBA) is a local survey company located in Crawfordville Florida. EBA brings over 20 years of corporate experience to the Hydra team. EBA will provide the survey crews and survey expertise on projects.

## **Work History**

November 2008 – Current: Sr. Project Manager, Hydra Engineering LLC, Crawfordville, Florida.

Responsibilities include: Project Management of Roadway Improvement Projects, Hydrology, Hydraulic Analysis, Groundwater Analysis, Subdivision Design, DOT access design and permitting, Commercial Site Plan Design, Sanitary Sewer Design, Water System Design, Municipal Engineering, Construction Administration, Construction Engineering and Inspection, preparation of Traffic Studies and traffic counts.

November 1994 – November 2008: CEO / President - Innovative Civil Engineering, Inc., Crawfordville, FL and High Country Engineering, Inc., Glenwood Springs, Colorado.

Responsibilities include: Project Management, Hydrology, Subdivision Design, DOT roadway design, Traffic Studies, DOT access design and permitting, Commercial Site Plan Design, Hydraulic Analysis, Sanitary Sewer Design, Water System Design, Proposal Preparation, Construction Administration, Construction Engineering and Inspection

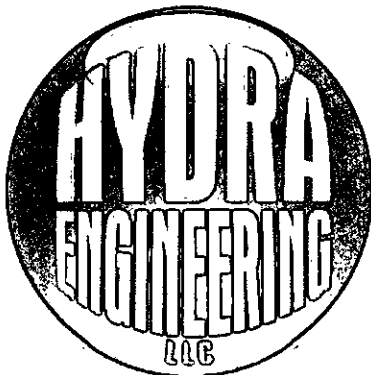
May 1991 - October 1994: Project Engineer, Genesis Group, Inc., Tampa and Tallahassee, Florida.

Responsibilities include: Project Management, Hydrology, Subdivision Design, Commercial Site Plan Design, Hydraulic Analysis, Sanitary Sewer Design, Water System Design, Traffic Studies, Signalization Design, Proposal Preparation, Construction Administration, Construction Engineering and Inspection, Computer System Administrator, CADD Manager, Expert Witness Support and Trial Preparation and Marketing

April 1990 - April 1991: Research / Teaching Assistant, University of South Florida Tampa, Florida.

July 1989 - April 1990: Sr. Engineering Technician, American Engineering Company, Brooksville, Florida.

July 1987 - July 1989: Engineering Technician, Civil Tech, Inc., Brooksville, Florida



### **Vernon « Joe » Hope III, P.E.**

**Senior Project Manager  
Hydra Engineering, LLC  
[joe@hydraengineering.com](mailto:joe@hydraengineering.com)**

Mr. Hope has been with Hydra Engineering since its inception and has been working in the civil engineering field for nearly 22 years. His area of specialty is site planning and transportation engineering.

#### **Education**

Bachelor of Science, Civil Engineering with an emphasis on transportation design and water resources, University of South Florida, 1991

#### **Registration**

Florida Registered Professional Engineer, #65372  
Alabama Registered Professional Engineer, #28816-E  
Colorado Registered Professional Engineer, # 30939  
South Carolina Registered Professional Engineer, #27946  
Arkansas Registered Professional Engineer, #14420  
The National Council of Examiners for Engineering and Surveying, No. 23327

#### **Additional Training**

Troxler Nuclear Density Testing Certification # 063709  
ACI Concrete Field Testing Technician Grade I, June 1994  
FDEP Qualified Stormwater Management Inspector # 20925, 2008

**36 Jasper Thomas Road  
Crawfordville, FL 32327  
850-926-2593 Office  
850-926-9257 Fax**

## ***Representative Project Experience***

### **Wakulla County Courthouse Expansion, Crawfordville Florida**

Client: Wakulla County Board of Commissioners

Design Fee: \$24,500

Role: Project Manager, Project Engineer – Design included the expansion of the existing courthouse, re-alignment of parking and new utility extensions to the courthouse.

### **City of Sopchoppy City Hall, Sopchoppy, Florida**

Client: City of Sopchoppy Design Fee: \$18,300

Role: Project Manager, Design Engineer - Project included design of a new city hall building. Project required permitting through the NFWMD and new utilities extended to the site.

### **Burger King, Crawfordville, Florida -**

Client: Iron-Horse Development Group Design Fee: \$14,500

Role: Project Manager, Design Engineer – Project included design of a Burger King fast food restaurant. Project required new driveway permit through FDOT, traffic study, permitting through NFWMD and Wakulla County

### **Bright Beginnings Day Care, Crawfordville, Florida**

Client: Bright Beginnings Day Care Design Fee: \$13,800

Role: Project Manager, Design Engineer – Project included the design of a new day care located on 2 acres of heavily treed land. Permitting was required through Wakulla County and NFWMD.

### **Leon County Traffic Court Annex, Tallahassee, Florida**

Client – Leon County Design Fee: \$2,500

Role: Project Manager, Design Engineer - Construction plans for an expansion of the existing traffic annex, which included all new sidewalks and parking lot layout. Permitted through Leon County, FDOT and NFWMD.

### ***Additional Project Experience***

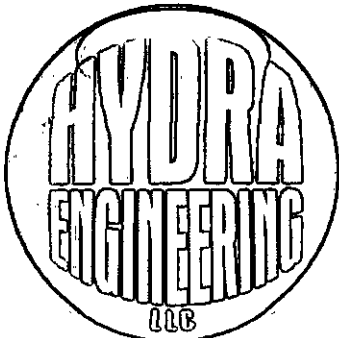
Shoal Creek Equestrian Bridges

Rock Landing – Commercial Fishing Pier

City of Carrabelle – Handicap Access Dock & Restroom

Mashes Sands Park Fishing Pier

Wooley Park Fishing Pier



### **Vernon « Joe » Hope III, P.E.**

**Senior Project Manager**

**Hydra Engineering, LLC**

[joe@hydraengineering.com](mailto:joe@hydraengineering.com)

Mr. Hope has been with Hydra Engineering since its inception and has been working in the civil engineering field for nearly 22 years. His area of specialty is site planning and transportation engineering.

#### ***Education***

Bachelor of Science, Civil Engineering with an emphasis on transportation design and water management, University of South Florida, 1991

#### ***Registration***

Florida Registered Professional Engineer, #65372  
Alabama Registered Professional Engineer, #28816-E  
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South Carolina Registered Professional Engineer, #27946

Arkansas Registered Professional Engineer, #14420  
The National Council of Examiners for Engineering and Surveying, No. 23327

#### ***Additional Training***

Troxler Nuclear Density Testing Certification # 063709

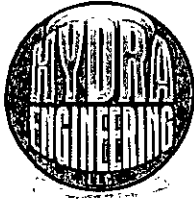
ACI Concrete Field Testing Technician Grade I, June 1994

FDEP Qualified Stormwater Management Inspector # 20925, 2008

**36 Jasper Thomas Road  
Crawfordville, FL 32327**

**850-926-2593 Office**

**850-926-9257 Fax**



**State of Florida**  
 Board of Professional Engineers  
 Hydra Engineering, LLC

IS AUTHORIZED UNDER THE PROVISIONS OF SECTION 471.028, FLORIDA STATUTES, TO OFFER ENGINEERING SERVICES TO THE PUBLIC THROUGH A PROFESSIONAL ENGINEER DULY LICENSED UNDER CHAPTER 471, FLORIDA STATUTES

Expiration: 28-Feb-11	Certificate of Authorization	CA No:
Audit No: 22820111031	DISPLAY AS REQUIRED BY LAW	28124

**State of Florida**  
 Board of Professional Engineers  
 Attests that  
**Leslie Ann Hope, P.E.**

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES

EXPIRATION: 2/28/2013	P.E. LIC. NO:
AUDIT NO: 228201317145	56452

**State of Florida**  
 Board of Professional Engineers  
 Attests that  
**Vernon Dale Hope II, P.E.**

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES

EXPIRATION: 2/28/2013	P.E. LIC. NO:
AUDIT NO: 228201315233	65372

## Licensee Details

### Licensee Information

Name: **Hydra Engineering, LLC (Primary Name)**  
(DBA Name)  
Main Address: **36 JASPER THOMAS ROAD**  
**CRAWFORDVILLE Florida 32327**  
County: **WAKULLA**  
License Mailing:  
LicenseLocation:

### License Information

License Type: **Certificate of Authorization**  
Rank: **Cert of Auth**  
License Number: **28124**  
Status: **Current**  
Licensure Date: **05/28/2008**  
Expires: **02/28/2013**

**Special Qualifications      Qualification Effective**

[View Related License Information](#)

[View License Complaint](#)

**Contact Us** :: [1940 North Monroe Street, Tallahassee FL 32399](#) :: [Call.Center@dbpr.state.fl.us](mailto:Call.Center@dbpr.state.fl.us) :: Customer Contact Center:  
850.487.1395

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This certifies that  
**HYDRA ENGINEERING, LLC**  
is recognized as a  
**Minority/Women-Owned Business Enterprise**  
under the  
**City of Tallahassee and Leon County  
Consortium Interlocal Agreement**

For a period of one (1) year beginning:  
**June 4, 2010 to June 30, 2011**

  
\_\_\_\_\_  
**MBE Administrator**

  
\_\_\_\_\_  
**Certification Specialist**

CIVIL ENGINEERING  
CONSULTANT

STATE OF FLORIDA

WAKULLA COUNTY OCCUPATIONAL LICENSE

PENALTY ADDED: OCT. 1st, 10%; NOV. 1st, 15%; DEC. 1st, 20%; JAN. 1st, 25%

7162

THIS LICENSE IS FURNISHED IN PURSUANCE OF CHAPTER 205, FLORIDA  
STATUTES AND COUNTY ORDINANCE NO. 79-2

NOTE - A PENALTY IS IMPOSED FOR  
FAILURE TO KEEP THIS LICENSE EXHIBITED  
CONSPICUOUSLY AT YOUR ESTABLISHMENT  
OR PLACE OF BUSINESS.

HYDRA ENGINEERING LLC  
LESLIE HOPE  
36 JASPER THOMAS ROAD  
CRAWFORDVILLE FL  
32327

CLARENCE OLAH, TAX COLLECTOR

2010/2011  
10% PENALTY 35.00  
IF NOT COUNTY \$  
RENEWED PENALTY \$  
BEFORE AMOUNT DUE \$ 35.00  
OCTOBER 1

PLEASE RETURN THIS NOTICE  
WITH REMITTANCE

Make Payable To: CHERYLL OLAH, TAX COLLECTOR - WAKULLA COUNTY  
2010 Mail to: P.O. BOX 280  
2011 CRAWFORDVILLE, FLORIDA 32326-0280

THIS LICENSE IS VALID ONLY IF NO OTHER LAW OR ORDINANCE IS VIOLATED; ESPECIALLY ZONING

205.471  
PUBLIC SERVICES

ORIGINAL

PAID 09243010 # 0542  
CA # 57078



State of Florida  
*Minority, Women &  
Service-Disabled Veteran*  
Business Certification

Hydra Engineering, LLC

Is certified under the provisions of  
287 and 295.187, Florida Statutes for a period from:

January 19, 2010 to January 19, 2012

Torey Alston, Executive Director

Florida Department of Management Services  
Office of Supplier Diversity



**QUALIFIED  
STORMWATER MANAGEMENT  
INSPECTOR**

The undersigned hereby acknowledges that

**Vernon D Hope, II**

has successfully met all requirements necessary to be fully certified through the Florida Department of Environmental Protection Stormwater Erosion and Sedimentation Control Inspector Training Program

*Heather Ritchie*

Heather Ritchie

*December 9, 2008*  
*Inspector Number 20925*

8 PDHs—Provider 4049

*John Abendroth*

John Abendroth

**QUALIFIED  
STORMWATER MANAGEMENT  
INSPECTOR**

The undersigned hereby acknowledges that

**Leslie Hope**

has successfully met all requirements necessary to be fully certified through the Florida Department of Environmental Protection Stormwater Erosion and Sedimentation Control Inspector Training Program

*Heather Ritchie*

Heather Ritchie

*December 9, 2008*  
*Inspector Number 20918*

8 PDHs—Provider 4049

*John Abendroth*

John Abendroth

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

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

12. NAME <b>Wade G. Brown, PSM, President</b>	13. ROLE IN THIS CONTRACT <b>Land Surveyor</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>24</b>	b. WITH CURRENT FIRM <b>24</b>
15. FIRM NAME AND LOCATION <i>(City and State)</i> <b>Edwin G. Brown and Associates, Inc.</b>			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> <b>ICS Surveyors Course 1992 Wetlands Delineation Training, Florida Society of Professional Surveyors and Mappers, 2003</b>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> <b>Professional Surveyor and Mapper, 1999 Florida Certificate No. 5959</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> <b>Florida Society of Professional Surveyors and Mappers Director, Ameris Bank Wakulla Chamber of Commerce</b>			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<b>Camp Gordon Johnston Military Base- Franklin County, Florida PARSON Company- Norcross, Georgia</b>	<b>2005</b>	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> <b>a. Created and surveyed in the field numerous grids throughout the abandoned military base for explosives removal. This was performed in the areas of St. James Island, Dog Island and Lanark. All work was coordinated and performed within the guidelines of the appropriate government agencies.</b>		
<b>NG Wade Sustainable Community ( Wakulla County) NG Wade Office- Jacksonville, Florida</b>	<b>2008</b>	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> <b>b. Boundary, topographical, wetland, tree surveys, construction staking, subdivision and road design as well as coordination of aerial Lidar Surveying. Perform land planning, prepare conservation easements, preliminary and final platting for the appropriate County and State Agencies. All resulting in the creation of a 2,300 acre Sustainable Community and a 260 acre Industrial Park.</b>		
<b>Wakulla County School Systems Crawfordville, Florida</b>		
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> <b>c. Boundary, topographic, tree location and wetland surveying. Construction staking and As-Builts. This is continued service relationship for the Wakulla County School System. This has been a continued service relationship since 1976 with the Wakulla County Board of County Commissioners.</b>		
<b>Wakulla County Board of County Commissioners Crawfordville, Florida</b>		
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> <b>d. Boundary, topographic, route surveys, construct staking, As-Builts for the Wakulla County sanitary sewer system. Boundary, topographic, tree survey, design, construction staking and As-Builts for public road right of ways and Wakulla County Parks and Recreation facilities. This has been a continued service relationship since 1976 with the Wakulla County Board of County Commissioners.</b>		
<b>St. Joe Timberlands of Delaware, LLC Tallahassee, Florida</b>		
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> <b>e. Large and small acreage boundary surveys and flagging of boundary lines on parcels ranging from 20 acres tracts to 60,000 acre tracts. Some of the other surveyings services associated with these tracts are wetland surveys, conservation easements, preparation of MHW surveys per the Florida Department of Beaches and Shores guidelines and topographic. St. Joe Timberland of Delaware, LLC has been a client of Edwin Brown and Associates for the last 14 years.</b>		



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

License No.: **LS5959**

Expiration Date: February 28, 2013

**Professional Surveyor and Mapper License**

Under the provisions of Chapter 472, Florida Statutes

WADE GLENN BROWN  
 P.O. BOX 625  
 CRAWFORDVILLE, FL 32326

ADAM H. PUTNAM  
 COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

AC# 418779

STATE OF FLORIDA  
 DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
 BOARD OF PROF. SURVEYORS & MAPPERS  
 SEQ# L08121800833

DATE	BATCH NUMBER	LICENSE NBR
12/18/2008	080275324	LS5959

The SURVEYOR AND MAPPER  
 Named below IS LICENSED  
 Under the provisions of Chapter 472 FS  
 Expiration date: FEB 28, 2013

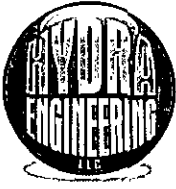
BROWN, WADE GLENN  
 EDWIN G BROWN & ASSOC, INC  
 PO BOX 625  
 CRAWFORDVILLE FL 32327

CHARLIE CRIST  
 GOVERNOR

CHARLES W. DRAGO  
 SECRETARY

IN GOD WE TRUST

DISPLAY AS REQUIRED BY LAW



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## **B. EXPERIENCE WITH PROJECTS OF SIMILAR TYPE AND SIZE**

1. Ten (10) projects are provided on the following pages that illustrate the experience of our firm and our staff with similar projects. All of the projects provided were completed by Hydra or EBA staff and the personnel that would be utilized to perform the work under this contract.
2. Hydra's team is currently working on three (3) projects that are similar in nature and size as the projects proposed in this contract. They are as follows:

**A. Old Shell Point Road- Wakulla County Road Dept**

EBA has in the past and is still currently performing surveying for right of way acquisition on Old Shell Point Road. This survey consists of maintained right of way. Boundary surveys performed of all adjacent lands contiguous to Shell Point Road. The design of new Right of Way. Preparation of plats and legal descriptions for each landowner involved with the required right of way adjustment. Preparation of a Right of Way map for Wakulla County.

**B. Old Brimmer Place and Bloxham Plantation – Ben Boynton**

Services included for both of these projects are boundary surveys of each parcel and topographic surveys for subdivision design, location of natural features and preparation of conservation easements. Construction staking for roadways, utilities, etc., the actual subdivision design is also included. Our firm will perform preparation of a Final Recorded Plat and as built surveys also.

**C. Equestrian Site- Wakulla County Parks & Recreation and Road Dept.**

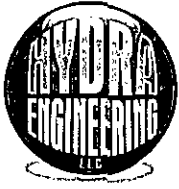
Boundary survey of the entire parcel and a topographic survey for design purposes. Conceptual site plan for trail, etc. Construction staking for clearing limits, layout of parking lots and Equestrian horse area.

3. Code Compliance:

At the beginning of each task, Hydra will meet with Leon County staff to understand the scope of work and ensure the relevant codes and regulatory processes are followed. Prior to commencing the project, current local, state and federal applicable codes and design standards will be obtained to ensure accuracy in the planning and design processes.

4. Basic and Special Resources available to the firm:

Hydra is not only committed to staffing the firm with the finest professionals available, we also have an on-going commitment to provide that staff with state-of-the-art equipment to



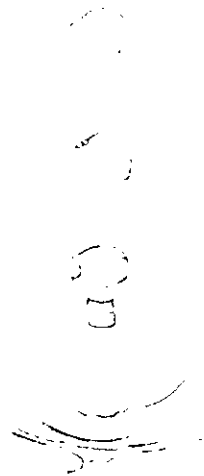
## *HYDRA ENGINEERING, LLC*

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assure its position at the forefront of civil engineering techniques in the region, including the incorporation of the latest hydraulic and hydrologic modeling software.

Specialty software:

- AutoCAD Civil 3D Land Development Desktop 2010
- ArcGIS by Environmental Science Research Institute (ESRI)
- Microsoft Office 2010: Word, Excel, Access, PowerPoint, Publisher
- Adobe Acrobat 9



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER
---	--------------------------------

21. TITLE AND LOCATION <i>(City and State)</i> <b>Southern Pine Plantation of Florida</b> <b>Ocala, Florida (Various Counties)</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
	2008	

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Southern Pine Plantation of Florida	Pat Duane	(352) 867-8018

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

Edwin Brown and Associates (EBA) performed surveying services for Southern Pine Plantation of Florida for several counties including Leon, Liberty, Jefferson and Wakulla. These services included large acreage boundary survey's, with location of all improvements, encroachments, mineral rights, easements, etc. The Leon County portion consisted of multiple boundary line adjustments. The boundary line adjustments were performed and prepared per the Leon County boundary line adjustment guidelines. This project was completed on schedule. The cost of Edwin Brown and Associates involvement was approximately \$128,000.00.

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

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Edwin Brown and Associates	Crawfordville, Florida	Land Surveyor
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER  3
---	---

21. TITLE AND LOCATION <i>(City and State)</i> <b>Wakulla Gardens Phases 1-V</b> <b>Crawfordville, Florida</b>	22. YEAR COMPLETED <table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">PROFESSIONAL SERVICES 2007</td> <td style="width: 50%;">CONSTRUCTION <i>(if Applicable)</i></td> </tr> </table>	PROFESSIONAL SERVICES 2007	CONSTRUCTION <i>(if Applicable)</i>
PROFESSIONAL SERVICES 2007	CONSTRUCTION <i>(if Applicable)</i>		

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Wakulla County Board of County Comm	County Commissioners	(850)926-0919

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

The Wakulla Gardens project was funded by Wakulla County Board of County Commissioners. Wakulla Gardens is a five-unit subdivision located in Wakulla County, which was platted in 1961. Wakulla Gardens Units 1-5 consist of 592 acres, 3,827 lots, and 21.70 miles of roadway. At the time Wakulla Gardens was platted Wakulla County did not have a central sewer system, central water system nor did they require storm water design. Since then the subdivision has become very populated causing flooding of interior dirt roadways as well as some homes and other vacant lots. Edwin Brown and Associates (EBA) was hired to complete a topographic survey of all five units, finished floor elevations of all homes and detailed topographic surveys of all existing roadways for storm water and sewer design. EBA also created topographic maps that identify significant low areas, ponds and wetlands. These maps will be utilized to identify various flood basins and establish base flood elevation for new construction. EBA also prepared boundary surveys of necessary drainage and utility easements as well as areas suitable for Storm Water Management Facilities. A seven -mile route survey to connect this project to existing off site sewer lines was also performed. This project was completed in 2009 ahead of schedule and under budget. The cost of Edwin Brown and associates involvement in this project was approximately \$196,000.

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

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Edwin Brown and Associates	Crawfordville, Florida	Land Surveyor
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i> <b>Tallahassee Ranch Club</b> <b>Woodville, Florida (Leon County)</b>		22. YEAR COMPLETED PROFESSIONAL SERVICES 2007 CONSTRUCTION <i>(if Applicable)</i>
<b>23. PROJECT OWNER'S INFORMATION</b>		
a. PROJECT OWNER Florida Land & Ranches	b. POINT OF CONTACT NAME Terry Clayton	c. POINT OF CONTACT TELEPHONE NUMBER (904) 674-0441
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

Edwin Brown and Associates, Inc. (EBA) performed services for the Recorded Plat process for the Tallahassee Ranch Club. This included boundary work, topographic surveys, and location of natural features and preparation of conservation easements. EBA also performed construction staking for the storm water, road system, etc. Preparation of the recorded plat for this 162-lot subdivision also included the setting of all lot monumentation. This project was completed in 2007 within schedule and budget. The cost of Edwin Brown and associates involvement in this project was approximately \$166,000.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Edwin Brown and Associates	(2) FIRM LOCATION (City and State) Crawfordville, Florida	(3) ROLE Land Surveyor
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER  1
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21. TITLE AND LOCATION <i>(City and State)</i> <b>St. Marks Powder Plant</b> <b>Crawfordville, Florida</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
St. Marks Powder Plant	Chip Hagen	(850) 925-6111

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

St. Marks Powder is a plant that produces gunpowder and nitroglycerin located in Wakulla County, Florida. Edwin Brown and Associates (EBA) have had an on going relationship with this company performing various tasks 1981. EBA tasks have included a complete boundary survey of the 2,000-acre parcel, a complex wetland location throughout the parcel for wetland permitting and mitigation purposes as well as As-Built surveys of the plant itself. One of EBA latest projects for St. Marks Powder was to perform a topographic survey and wetland location for a new nitroglycerin plant. Our firm also performed the construction staking and As-Builts for this plant, which is currently operational. This plant is operational 24 hours a day thus requiring EBA employees to attend several different safety classes and adheres to safety rules and regulations while performing this task inside the plant area. The cost of Edwin Brown and Associates involvement in this project to date is approximately \$100,000.

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

a.	(1) FIRM NAME Edwin Brown and Associates	(2) FIRM LOCATION (City and State) Crawfordville, Florida	(3) ROLE Land Surveyor
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER
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21. TITLE AND LOCATION <i>(City and State)</i> <b>New Light Church Road</b> <b>Crawfordville, Florida (Wakulla County)</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
	2010	

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Preble Rish, Inc.	Travis Justice	(850) 522-0644

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

Edwin Brown and Associates, Inc. (EBA) performed services for the resurfacing of County Road 373A, New Light Church Road from Springhill Road to US Hwy 319. EBA provided a base map of the complete R.O.W. of CR 373A and identified all P.C. and P.T. markers, centerline stationing and control points. All horizontal control based upon historical FDOT and ROW maps, field monumentation, and NAD 83 Datum (State Plane Coordinate System. Topographical Survey was performed as well including edge of pavement, centerline of pavement, shoulder of road, ditch, culverts, visible utilities, tree lines, etc. A full Right of Way Survey was also completed. This project was completed on schedule and remained within budget of 10,975.00.

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

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Edwin Brown and Associates	Crawfordville, Florida	Land Surveyor
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER
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21. TITLE AND LOCATION <i>(City and State)</i> <b>Live Oak Island Road, County Road 367A</b> <b>Crawfordville, Florida (Wakulla County)</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
	2009	

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Preble Rish, Inc.	Jeff Britain	(8500 522-0644)

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

Edwin Brown and Associates, Inc. (EBA) performed services for the resurfacing of County Road 367A, Live Oak Island Road from the end or pavement to Shell Point Road. EBA provided a base map of the complete R.O.W. of CR 367-A and identified all P.C. and P.T. markers, centerline stationing and control points. All horizontal control based upon historical FDOT and ROW maps, field monumentation, and NAD 83 Datum (State Plane Coordinate System. Topographical Survey was performed as well including edge of pavement, centerline of pavement, shoulder of road, ditch, culverts, visible utilities, tree lines, etc. A full Right of Way Survey was also completed. This project was completed on schedule and remained within budget of 12,500.00.

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

a.	(1) FIRM NAME Edwin Brown and Associates	(2) FIRM LOCATION (City and State) Crawfordville, Florida	(3) ROLE Land Surveyor
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER
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21. TITLE AND LOCATION <i>(City and State)</i> <b>Leon County Courthouse –Annex Tallahassee, Florida (Leon County)</b>	22. YEAR COMPLETED				
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">PROFESSIONAL SERVICES</td> <td style="width:50%;">CONSTRUCTION (if Applicable)</td> </tr> <tr> <td style="text-align: center;">2009</td> <td></td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)	2009	
PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)				
2009					

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Hydra Engineering/ Childers Const Crawfordville, Florida	b. POINT OF CONTACT NAME Joe/Leslie Hope	c. POINT OF CONTACT TELEPHONE NUMBER (850) 926-2593
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Edwin Brown and Associates (EBA) performed surveying services associated with the Leon County Courthouse Annex for Hydra Engineering. These services included a boundary survey with location of all buildings and paving. Preparation of a plat and legal. A Topographic Survey of all above ground improvements and utilities on 88 Datum and NAD 83 State Plane X, Y system. Also spot shots for Architect and Engineering purposes were include in these services. This project was completed on schedule. The cost of Edwin Brown and Associates involvement was approximately \$3,400.00.

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

a.	(1) FIRM NAME Edwin Brown and Associates	(2) FIRM LOCATION (City and State) Crawfordville, Florida	(3) ROLE Land Surveyor
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER
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21. TITLE AND LOCATION <i>(City and State)</i> <b>Florida Gas Transmission Company (Pipeline)</b> <b>Tampa, Florida (Various Counties)</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
	2010	

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Florida Gas Transmission Company	Peter Baker	(813) 230-0354

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

Edwin Brown and Associates (EBA) performed surveying services that consist of boundary surveys for the Right of Way acquisition for the Florida Gas Transmission Company. This included multiple parcels in several counties including Calhoun, Leon, Gadsden and Jefferson County. Additional Right of Way was needed to for the newly installed gas pipeline. Preparation of plats and legal was also included in these services performed by EBA. This project was completed on schedule. The cost of Edwin Brown and Associates involvement was approximately \$21,000.00.

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

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Edwin Brown and Associates	Crawfordville, Florida	Land Surveyor
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER  2
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21. TITLE AND LOCATION <i>(City and State)</i> <b>St Joe Right of Way Parcels/Department of Transportation          Chipley, Florida</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES  2010	CONSTRUCTION <i>(if Applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER  DRMO (FDOT Contract C-8X92)	b. POINT OF CONTACT NAME  Eddie Rudd	c. POINT OF CONTACT TELEPHONE NUMBER  (850) 415-9410
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Boundary work for additional Right of Way acquisition by the Florida Department of Transportation from St. Joe Land Company. Fieldwork and preparation of deliverable's for approximately 50 segments. These Right of Way acquisitions extended to the following counties: Bay, Calhoun, Liberty, Leon, Jefferson, Gadsden, Gulf, Franklin and Wakulla. Edwin Brown and Associates (EBA) contracted with Dyer, Riddle, Mills, & Precourt, Inc. as a subcontractor and completed this project on schedule and on budget. The cost of EBA involvement in this project was \$174,000.00

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

a.	(1) FIRM NAME Edwin Brown and Associates	(2) FIRM LOCATION <i>(City and State)</i> Crawfordville, Florida	(3) ROLE Land Surveyor
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER
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21. TITLE AND LOCATION <i>(City and State)</i> <b>Chaires Fire Station</b> <b>Chaires, Florida (Leon County)</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
	2010	

**23. PROJECT OWNER'S INFORMATION**

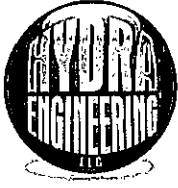
a. PROJECT OWNER Hydra Engineering Crawfordville, Florida	b. POINT OF CONTACT NAME Joe/Leslie Hope	c. POINT OF CONTACT TELEPHONE NUMBER (850) 926-2593
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope, size, and cost)*

Edwin Brown and Associates (EBA) performed surveying services associated with the Chaires Fire Station for Hydra Engineering. These services included a boundary survey with location of all improvements and visible utilities. A Topographic Survey performed on 88 Datum with 1 ft. contours, extending approximately 100 ft. outside the property boundary and included the location of the trees. Preparation of plats and legal were include in these services. This project was completed on schedule. The cost of Edwin Brown and Associates involvement was approximately \$1,800.00

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

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Edwin Brown and Associates	Crawfordville, Florida	Land Surveyor
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE



## **C. Willingness To Meet Schedule and Budget Requirements**

Hydra emphasizes open communication with a positive attitude to identify and provide for our clients' needs. Staying in touch with the client and its representatives throughout the project is vital to the success of our clients' projects. Hydra strives to consider its clients' resources as though they were its own.

Hydra prides itself on repeat clients. As such the only way to have a client continue to use your services is to provide your projects on time and on budget. In our opinion the primary way to ensure that project schedules are met and budgets are maintained is to have the senior staff member involved with all stages of the planning and design process.

To further verify that our projects are going as expected, Hydra has weekly scheduling meetings where the progress of each of our projects is reviewed versus the proposed schedule and budget to assure that the projects are going as expected.

With the experience of Hydra's personnel combined with the depth and strength of Jones Edmund's staff, Leon County's schedule and budgets will be a priority.

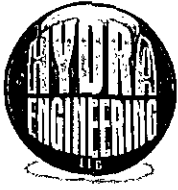
## **D. Effect Of Firm's Recent, Current and Projected Workload**

### 1. Names and descriptions of Hydra's Current Workload:

- Wakulla Gardens Phase 1 Stormwater Improvements: Stormwater Modeling for Critical stormwater improvements; Completion date: April 2011
- Pine Glen Bridge: Bridge Hydraulics Study, Roadway Plans, Specifications; Completion Date: April 2011
- Chaires Fire Station: Site Design, Site Permitting, Environmental Permitting; Completion Date: June 2011
- Tower Road Restroom and Pavilion: Site Plan Modification, Environmental Permitting; Completion Date: April 2011
- Blankenmeyer Mini Storage: Site Planning, Site Design, Site Permitting, Environmental Permitting; Completion Date: July 2011

### 2. As noted above, the majority of Hydra's current projects are expected to be completed within the next couple months. Hydra's staff is currently not operating at full capacity and is prepared to absorb projects resulting from this contract.





## *HYDRA ENGINEERING, LLC*

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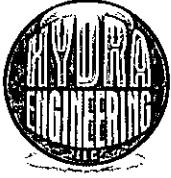
### **E. Effect Of Project Team Location**

Hydra Engineering is located in Crawfordville, Florida and is registered as a local vendor with Leon County. Due to Hydra being the team leader and locally located, this provides a quick response to attend meetings and site visits. Hydra will be the project manager on all tasks and the work will be performed in our office in Crawfordville, Florida. Since our people live and work in the area, we are very involved with the community and take personal interest in providing a product that we can be proud to say we successfully completed.

### **F. Approach To The Project**

A "scope meeting" is the first step in the approach to any specific project. At this meeting, the County and Hydra will establish the goals of the project, design and permitting criteria, schedule for deliverables and the budget of the task. The fees will be negotiated between Hydra and Leon County. The current local, state and federal applicable codes and design standards will be obtained. Hydra will have weekly internal scheduling meetings to ensure the project is on schedule and within budget. Communication is essential to a successful project and thus Hydra will keep the County's Project Manager or representative abreast of the project's progress.





*HYDRA ENGINEERING, LLC*

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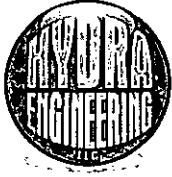
**Request for Proposals for Civil Engineering Services,  
Continuing Supply**

**Proposal Number BC-03-17-11-25**

**Submitted by:**

**Hydra Engineering, LLC  
36 Jasper Thomas Road  
Crawfordville, FL 32327  
(850) 926-2593 phone  
(850) 926-9257 fax**

**CATEGORY:  
SUBDIVISION AND SITE DEVELOPMENT  
ENGINEERING**



## **HYDRA ENGINEERING, LLC**

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### **A. ABILITY OF PROFESSIONAL PERSONNEL**

1. The Hydra Engineering team consists of:
  - 2 Professional Engineers from **Hydra Engineering, LLC**,
  - 6 Professional Engineers and a Professional Wetland Scientist from **Jones Edmunds**,
  - 1 Registered Structural Engineer from **G.S. Preble Engineering, Inc.**,
  - 5 Registered Landscape Architects from **Wood & Partners, Inc.**,
  - 1 Registered Architect from **4M Design Group**.

The number of engineers available allows for an expedient response to the size projects anticipated in this contract. Due to Hydra being the team leader and locally located, this also provides a quick response to attend meetings and site visits.

2. Resumes for the key professionals for this category of projects are provided in the following pages.

Leslie Hope will be the Project Manager on all projects in this category and Sr. Project Engineer for the team. Mrs. Hope has is currently the Project Manager / Project Engineer on Chaires Fire Station and Tower Road Restroom and Pavilion, both projects involve site planning, grading & drainage design, utility infrastructure and environmental permitting for Leon County Facilities. Mrs. Hope was also the Project Manager / Project Engineer for the Northeast Branch Library expansion that was completed earlier this year.

3. While the majority of the projects anticipated under this contract are expected to be small to medium projects, Hydra has teamed with **Jones Edmunds** to provide our team with the horsepower of a large company while still allowing the county staff to work with our local project managers whenever the projects demand a larger staff. Jones Edmunds is a multi-discipline firm that brings over 30 years of corporate experience to the Hydra team with over 200 employees. Jones Edmunds will assist Hydra with stormwater engineering and roadway design.

**G.S. Preble Engineering, Inc.** will be the structural engineering firm for this category.

**Wood & Partners, Inc.**, a registered Landscape Architecture firm, will provide the landscape architecture and tree mitigation services for this category.

**4M Design Group** will be the Registered Architect for services such as new facilities or modification of existing facilities.

Resume's for the key professionals from the above firms are included in the following pages.

## **Work History**

March 2008 – Present: President, Hydra Engineering, LLC, Crawfordville, Florida

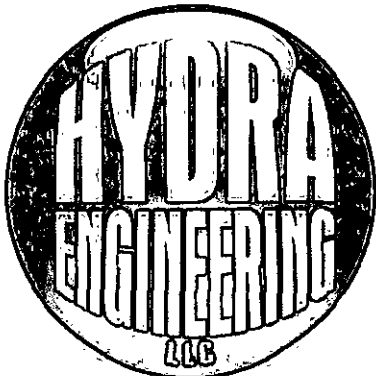
Responsibilities include: Owner and Manager for firm, Hydrology Design (Using adICPR, CUHP, HEC-HMS, and SCS TR-55 computer programs), Hydraulic Analysis (using HEC-RAS, SWMM, DAMBREK, BREACH, Flowmaster, PONDPACK, and adICPR), Sanitary Sewer Design, Water System Design, Irrigation System Design, Groundwater Analysis using MODRET, Floodplain Studies, FEMA CLOMR, LOMR and LOMA submittals, Construction Management, Construction Administration and Inspection.

October 1994 – March 2008: Senior Vice President of Engineering, High Country Engineering, Inc. and Innovative Civil Engineering, Inc., Glenwood Springs, Colorado and Crawfordville, Florida

Responsibilities include: Managing Engineering Department for three offices, School Site Designs, Subdivision Design (using Land Design Development and AutoCadd Release 12-2007), Commercial Site Plan Design, Hydrology Design (Using adICPR, CUHP, HEC 1, HEC-HMS, and SCS TR-55 computer programs), Hydraulic Analysis (using HEC-2, HEC-RAS, SWMM, DAMBREK, BREACH, Flowmaster, PONDPACK, and adICPR), Sanitary Sewer Design, Water System Design, Wetland Design, Irrigation System Design, Road and Utility Permits, Floodplain Studies, FEMA CLOMR, LOMR and LOMA submittals, Construction Engineering and Inspection, South Beebe Draw Metropolitan (Bromley Park) District Engineer from 2000 to 2007, CDOT and FDOT Access Permits, Roadway / Highway Horizontal and Vertical Layout, Roadway Design per AASHTO and State DOT standards, preparation of Maintenance of Traffic Plans, Design of Acceleration / Deceleration Lanes and State Highway widening projects, Roadway Signage and Striping Plans.

January 1994 - October 1994: Civil Engineer / Water Resources Designer, JMI Engineers, Tallahassee, Florida

Responsibilities included Preparation of Bridge Hydraulics Reports utilizing FHWA's WSPRO program and HEC #18 scour studies, Hydraulic Analysis for Roadway projects, Hydrology, Roadway Design, Cost Estimates, Traffic Control Plans, Utility Coordination / Adjustments, Layout and Sizing of Storm Sewer, Hydrologic Studies involving sizing detention/retention facilities, Marketing.



**Leslie A. Hope, P.E.**

**President**

**Hydra Engineering, LLC**

[lahope@hydraengineering.com](mailto:lahope@hydraengineering.com)

Ms. Hope started Hydra Engineering, LLC in March of 2008 and is the sole owner of the company. She has been working in the field of Civil Engineering for nearly 20 years. Her area of specialty is water resources and flood control projects.

### **Education**

Bachelor of Science, Civil Engineering with an emphasis on water resources & environmental engineering, University of South Florida, 1993

### **Registration**

Florida Registered PE No. 56452  
Georgia Registered PE No. PE03258  
Colorado Registered PE, No. 32981  
Arizona Registered PE No. 35616  
Mississippi Registered PE No. 19704  
National Council of Examiners for Engineering and Surveying, No. 17066

### **Additional Training**

Construction Quality Management for Contractors – July 2010  
Georgia Erosion & Sedimentation Certified Design Professional – Level 2, 2008  
FDEP Qualified Stormwater Management Inspector, #20918, 2008

**36 Jasper Thomas Road**  
**Crawfordville, FL 32327**  
**850-926-2593 Office**  
**850-926-9257 Fax**

## ***Representative Project Experience***

### **Northeast Branch Library: Tallahassee, Florida**

Client: Leon County Facilities; Design Fee: \$14,500; Role: Project Manager / Project Engineer

4500 SF addition to an existing library including, stormwater, utility and parking lot improvements. Permitted through NFWFMD and the City of Tallahassee for storm water and Leon County for environmental permits.

### **Tower Road Restroom & Pavilion: Tallahassee, Florida**

Owner: Leon County Facilities Design Fee: \$12,900

Role: Project Manager / Project Engineer; Design of a restroom facility, pavilion, associated stormwater facilities, utility infrastructure and a new access road for the existing Tower Road Park

### **Chaires Fire Station: Tallahassee, Florida; Client: Leon County Facilities**

Design Fees: \$7,900; Role: Project Manager / Project Engineer

Site planning, environmental permitting, grading & drainage design, landscape design and coordination with the City of Tallahassee's Fire Department with Leon County's Fire Department.

### **Panama City Public Work Building, Panacea, Florida** Owner: City of Panama City Design Fee: \$7,000

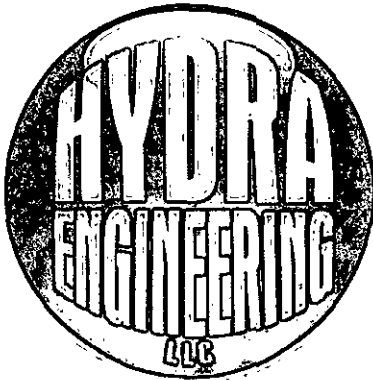
Role: Project Engineer / Stormwater Engineer; Project included an 8,400 s.f. metal building, extension of utilities, design of stormwater facilities within the existing Public Works complex.

### **Burger King: Crawfordville, Florida**

Client: Iron Horse Development Group; Design Fee: \$19,500; Role: Project Engineer / Stormwater Engineer; Site design of a 3,400 s.f. Burger King Fast Food Restaurant including permitting through Wakulla County, environmental permitting through Northwest Florida Water Management District and FDOT Access and Utility Permits.

## ***Additional Project Experience***

Panama City Fire Training Academy  
Pines Self Storage  
Lake Ellen Baptist Church  
IGG Gymnastic Academy, Crawfordville  
Bright Beginnings Day Care  
Wakulla County Senior Citizens Garage  
Extreme Home Makeover Edition - Tallahassee



### **Leslie A. Hope, P.E.**

**President**

**Hydra Engineering, LLC**

[lahope@hydraengineering.com](mailto:lahope@hydraengineering.com)

Ms. Hope started Hydra Engineering, LLC in March of 2008 and is the sole owner of the company. She has been working in the field of Civil Engineering for nearly 20 years. Her area of specialty is water resources and flood control projects.

### ***Education***

Bachelor of Science, Civil Engineering with an emphasis on water resources & environmental engineering, University of South Florida, 1993

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Florida Registered PE No. 56452  
Georgia Registered PE No. PE03258  
Colorado Registered PE, No. 32981  
Arizona Registered PE No. 35616  
Mississippi Registered PE No. 19704  
National Council of Examiners for Engineering and Surveying, No. 17066

### ***Additional Training***

Construction Quality Management for Contractors – July 2010  
Georgia Erosion & Sedimentation Certified Design Professional – Level 2, 2008  
FDEP Qualified Stormwater Management Inspector, #20918, 2008

**36 Jasper Thomas Road  
Crawfordville, FL 32327  
850-926-2593 Office  
850-926-9257 Fax**

## ***Work History***

November 2008 – Current: Sr. Project Manager, Hydra Engineering LLC, Crawfordville, Florida.

Responsibilities include: Project Management of Roadway Improvement Projects, Hydrology, Hydraulic Analysis, Groundwater Analysis, Subdivision Design, DOT access design and permitting, Commercial Site Plan Design, Sanitary Sewer Design, Water System Design, Municipal Engineering, Construction Administration, Construction Engineering and Inspection, preparation of Traffic Studies and traffic counts.

November 1994 – November 2008: CEO / President - Innovative Civil Engineering, Inc., Crawfordville, FL and High Country Engineering, Inc., Glenwood Springs, Colorado.

Responsibilities include: Project Management, Hydrology, Subdivision Design, DOT roadway design, Traffic Studies, DOT access design and permitting, Commercial Site Plan Design, Hydraulic Analysis, Sanitary Sewer Design, Water System Design, Proposal Preparation, Construction Administration, Construction Engineering and Inspection

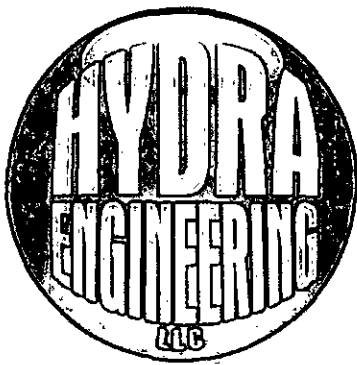
May 1991 - October 1994: Project Engineer, Genesis Group, Inc., Tampa and Tallahassee, Florida.

Responsibilities include: Project Management, Hydrology, Subdivision Design, Commercial Site Plan Design, Hydraulic Analysis, Sanitary Sewer Design, Water System Design, Traffic Studies, Signalization Design, Proposal Preparation, Construction Administration, Construction Engineering and Inspection, Computer System Administrator, CADD Manager, Expert Witness Support and Trial Preparation and Marketing

April 1990 - April 1991: Research / Teaching Assistant, University of South Florida Tampa, Florida.

July 1989 - April 1990: Sr. Engineering Technician, American Engineering Company, Brooksville, Florida.

July 1987 - July 1989: Engineering Technician, Civil Tech, Inc., Brooksville, Florida



### ***Vernon « Joe » Hope III, P.E.***

**Senior Project Manager**

**Hydra Engineering, LLC**

[joe@hydraengineering.com](mailto:joe@hydraengineering.com)

Mr. Hope has been with Hydra Engineering since its inception and has been working in the civil engineering field for nearly 22 years. His area of specialty is site planning and transportation engineering.

#### ***Education***

Bachelor of Science, Civil Engineering with an emphasis on transportation design and water resources, University of South Florida, 1991

#### ***Registration***

Florida Registered Professional Engineer, #65372  
Alabama Registered Professional Engineer, #28816-E  
Colorado Registered Professional Engineer, # 30939  
South Carolina Registered Professional Engineer, #27946

The National Council of Examiners for Engineering and Surveying, No. 23327

#### ***Additional Training***

Troxler Nuclear Density Testing Certification # 063709

ACI Concrete Field Testing Technician Grade I, June 1994

FDEP Qualified Stormwater Management Inspector # 20925, 2008

**36 Jasper Thomas Road  
Crawfordville, FL 32327**

**850-926-2593 Office**

**850-926-9257 Fax**

## ***Representative Project Experience***

### **Wakulla County Court House Expansion, Crawfordville, Florida**

Client: Wakulla County; Design Fee: \$18,500; Role: Project Manager / Project Engineer; The project included expanding the existing courthouse to provide for a new sally port for prisoner transfer and realignment of surrounding roads to provide secure access.

### **Plaza Corp Retail Development, Crawfordville, Florida**

Client: Plaza Corp Commercial Development; Design Fee: \$22,000; Role: Project Manager / Project Engineer - Project included a 26,700 SF commercial / retail building on US 319. The project required permits from FDOT for both a driveway permit that included *offsite roadway improvements and for utility crossings of US 319*. Permits were also secured from NFWMD under the Phase I ERP process.

### **St. Marks Boat Ramp and Parking Facility, St. Marks, Florida -**

Project included intergovernmental coordination between Wakulla County, The City of St. Marks and the Florida Wildlife Commission for the construction of two additional boat ramps next to the historic St. Marks Fort located at the confluence of the Wakulla and St. Marks Rivers. Site also included parking and vehicular movement analysis for passenger vehicle/boat trailer combinations.

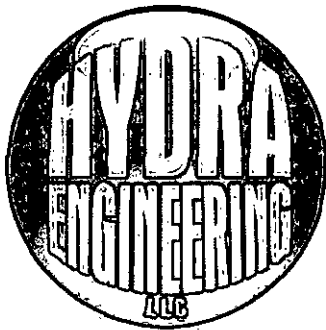
**City of Sopchoppy City Hall, Sopchoppy, Florida** - Project included a new City Hall and associated parking, utilities, permitting through Northwest Florida Water Management District for the City of Sopchoppy.

### **Leon County Traffic Court Annex, Tallahassee, Florida**

Client: Leon County Facilities; Design Fee: \$5,500; Role: Project Manager / Project Engineer; Construction plans for an expansion of the existing traffic annex, which included all new sidewalks and parking lot layout. Permitted through Leon County, FDOT and NFWMD.

## ***Additional Project Experience***

City of Glenwood Springs Fire Station  
Panama City Fire Station & Training Facility  
Panama City Utility Building  
Rock Landing - Commercial Fishing Pier  
City of Carrabelle - Handicap Access Dock & Restroom  
Ocala National Forest - Sweetwater Cabins ATU



## **Vernon « Joe » Hope III, P.E.**

**Senior Project Manager**  
**Hydra Engineering, LLC**  
[joe@hydracoreengineering.com](mailto:joe@hydracoreengineering.com)

Mr. Hope has been with Hydra Engineering since its inception and has been working in the civil engineering field for nearly 22 years. His area of specialty is site planning and transportation engineering.

### ***Education***

Bachelor of Science, Civil Engineering with an emphasis on transportation design and water management, University of South Florida, 1991

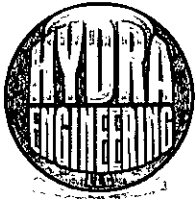
### ***Registration***

Florida Registered Professional Engineer, #65372  
Alabama Registered Professional Engineer, #28816-E  
Colorado Registered Professional Engineer, # 30939  
South Carolina Registered Professional Engineer, #27946  
The National Council of Examiners for Engineering and Surveying, No. 23327

### ***Additional Training***

Troxler Nuclear Density Testing Certification # 063709  
ACI Concrete Field Testing Technician Grade 1, June 1994  
FDEP Qualified Stormwater Management Inspector # 20925, 2008

**36 Jasper Thomas Road**  
**Crawfordville, FL 32327**  
**850-926-2593 Office**  
**850-926-9257 Fax**



**State of Florida**  
 Board of Professional Engineers  
 Hydra Engineering LLC

Is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes

Expiration: 28-Feb-11	Certificate of Authorization	CA No:
Audit No: 22820111031	DISPLAY AS REQUIRED BY LAW	28124

**State of Florida**  
 Board of Professional Engineers  
 Attests that  
**Leslie Ann Hope, P.E.**

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES  
 EXPIRATION: 2/28/2013 P.E. LIC. NO:  
 AUDIT NO: 228201317145 56452

**State of Florida**  
 Board of Professional Engineers  
 Attests that  
**Vernon Dale Hope II, P.E.**

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES  
 EXPIRATION: 2/28/2013 P.E. LIC. NO:  
 AUDIT NO: 228201315233 65372



## Licensee Details

### Licensee Information

Name: **Hydra Engineering, LLC (Primary Name)**  
(DBA Name)  
Main Address: **36 JASPER THOMAS ROAD**  
**CRAWFORDVILLE Florida 32327**  
County: **WAKULLA**  
License Mailing:  
LicenseLocation:

### License Information

License Type: **Certificate of Authorization**  
Rank: **Cert of Auth**  
License Number: **28124**  
Status: **Current**  
Licensure Date: **05/28/2008**  
Expires: **02/28/2013**

**Special Qualifications      Qualification Effective**

[View Related License Information](#)

[View License Complaint](#)

**Contact Us** :: [1940 North Monroe Street, Tallahassee FL 32399](#) :: [Call.Center@dbpr.state.fl.us](mailto:Call.Center@dbpr.state.fl.us) :: Customer Contact Center:  
850.487.1395

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This certifies that  
**HYDRA ENGINEERING, LLC**  
is recognized as a  
**Minority/Women-Owned Business Enterprise**  
under the  
**City of Tallahassee and Leon County  
Consortium Interlocal Agreement**

For a period of one (1) year beginning:  
**June 4, 2010 to June 30, 2011**

  
\_\_\_\_\_  
**MBE Administrator**

  
\_\_\_\_\_  
**Certification Specialist**

CIVIL ENGINEERING  
CONSULTANT

STATE OF FLORIDA

WAKULLA COUNTY OCCUPATIONAL LICENSE

PENALTY ADDED: OCT. 1st, 10%; NOV. 1st, 15%; DEC. 1st, 20%; JAN. 1st, 25%

7162

THIS LICENSE IS FURNISHED IN PURSUANCE OF CHAPTER 205, FLORIDA  
STATUTES AND COUNTY ORDINANCE NO. 79-2

NOTE - A PENALTY IS IMPOSED FOR  
FAILURE TO KEEP THIS LICENSE EXHIBITED  
CONSPICUOUSLY AT YOUR ESTABLISHMENT  
OR PLACE OF BUSINESS.

HYDRA ENGINEERING LLC  
LESLIE HOPE  
36 JASPER THOMAS ROAD  
CRAWFORDVILLE FL  
32327

CHERYLL OLAH, TAX COLLECTOR

	2010/2011	
<input type="checkbox"/>	10% PENALTY	\$ 35.00
<input type="checkbox"/>	IF NOT RENEWED BEFORE OCTOBER 1	\$ 35.00
	COUNTY PENALTY	\$
	AMOUNT DUE	\$

PLEASE RETURN THIS NOTICE  
WITH REMITTANCE

Make Payable To: CHERYLL OLAH, TAX COLLECTOR - WAKULLA COUNTY  
2010 Mail to: P.O. BOX 280  
2011 CRAWFORDVILLE, FLORIDA 32326-0280

THIS LICENSE IS VALID ONLY IF NO OTHER LAW OR ORDINANCE IS VIOLATED: ESPECIALLY ZONING

205.471  
PUBLIC SERVICES

ORIGINAL

PAID 09242010 # 0542  
CA 457078



State of Florida  
*Minority, Women &  
Service-Disabled Veteran*  
Business Certification

Hydra Engineering, LLC

Is certified under the provisions of  
287 and 295.187, Florida Statutes for a period from:

January 19, 2010 to January 19, 2012

Torey Alston, Executive Director

Florida Department of Management Services  
Office of Supplier Diversity

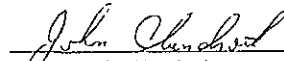
**QUALIFIED  
STORMWATER MANAGEMENT  
INSPECTOR**

The undersigned hereby acknowledges that

**Vernon D Hope, II**  
has successfully met all requirements necessary to be fully certified through  
the Florida Department of Environmental Protection Stormwater Erosion  
and Sedimentation Control Inspector Training Program

  
Heather Ritchie

*December 9, 2008*  
*Inspector Number 20925*  
8 PDHs—Provider 4049

  
John Abendroth

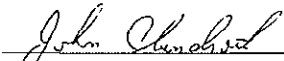
**QUALIFIED  
STORMWATER MANAGEMENT  
INSPECTOR**

The undersigned hereby acknowledges that

**Leslie Hope**  
has successfully met all requirements necessary to be fully certified through  
the Florida Department of Environmental Protection Stormwater Erosion  
and Sedimentation Control Inspector Training Program

  
Heather Ritchie

*December 9, 2008*  
*Inspector Number 20918*  
8 PDHs—Provider 4049

  
John Abendroth

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

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

12. NAME Brett A. Cunningham, PE	13. ROLE IN THIS CONTRACT Civil and Roadway – WMPs, BMAPs, BMPs, TMDLs	14. YEARS EXPERIENCE	
		a. TOTAL 23	b. WITH CURRENT FIRM 9
15. FIRM NAME AND LOCATION <i>(City and State)</i> Jones Edmunds & Associates, Inc., Gainesville, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Engineering / Environmental Engineering Bachelor of Science / Environmental Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL / Professional Engineer VA / Professional Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Cunningham is the Jones Edmunds Director of Water Resources with a strong background in stormwater management and wastewater collection system management. He excels in the application of computer models and geographic information systems to assist in planning, problem solving, and developing cost-effective management strategies. Because of his wide range of work experience, Mr. Cunningham understands how projects addressing water resource problems need to be structured to be implementable, affordable, and permitable. He has conducted numerous modeling seminars for a variety of sponsors on the practical use of hydrologic and hydraulic models for watershed evaluation.			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a	Masters Tract Regional Stormwater Treatment Facility St. Johns County, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Quality Assurance/Quality Control: Jones Edmunds will design and obtain permitting for a regional stormwater treatment system for St. Johns County that will meet TMDL compliance goals and allow for the construction of State Road 305.		
b	Cross Bayou Watershed Plan (sub to Greenman-Pedersen) Pinellas County, FL	2008	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE QA/QC - Mr. Cunningham's involvement in this project started with an assessment of the work that had been performed for the project by two other firms. He then provided recommendations for adjustments to the project, including development of digital topographic information. He directed subsequent modeling tasks associated with using the new topographic information and was responsible for communication with the County and SWFWMD.		
c	Roberts Bay Watershed Management Plan Sarasota County, FL	2008	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Director - Mr. Cunningham provided technical guidance on flood control, water quality, erosion and sedimentation, and water supply aspects of the project. Jones Edmunds planned, designed, and implemented a comprehensive WMP.		
d	Blue Run Watershed Management Plan Marion County, FL	2009	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Director - Mr. Cunningham provided quality assurance and quality control, guided the technical aspects of the project, and was responsible for project communication to SWFWMD and Marion County. The Blue Run WMP consists of selected elements from SWFWMD Watershed Management Plan Guidelines & Specifications. Jones Edmunds created digital topographic information, evaluated a watershed, identified surveys to be performed by a professional surveyor, evaluated maintenance, and completed a watershed management plan.		
e	Pollutant-Loading Model Development Sarasota County, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Director - Mr. Cunningham provided quality assurance/quality control services on all aspects of the project. He guided all aspects of model development and calibration. He also oversaw project communications and project reports. Jones Edmunds is developing a verified pollutant-loading model to accurately estimate loads from proposed land development designs, to estimate the effectiveness of projects intended to reduce pollution, and to relate pollutant load to water quality conditions in receiving water bodies.		

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

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

12. NAME Walter Nickel, PE	13. ROLE IN THIS CONTRACT Civil and Roadway – Transportation & Drainage	14. YEARS EXPERIENCE	
		a. TOTAL 25	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION <i>(City and State)</i> Jones Edmunds & Associates, Inc., Gainesville, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL / Professional Engineer OH / Professional Engineer	

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
 Mr. Nickel is Department Manager of Civil Design at Jones Edmunds. He has experience providing a wide range of civil engineering services to local governmental authorities and land developers. Mr. Nickel applies his expertise in the design, technical oversight, and management of various projects. He has coordinated engineering activities for governmental highway and infrastructure projects as well as industrial and commercial site development projects. Mr. Nickel has served as a Project Manager and Design Engineer on roadway design and improvement/rehabilitation, bridge design and rehabilitation, site development and expansion, site/utility design, and stormwater design projects.

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a (1) Masters Tract Regional Stormwater Treatment Facility St. Johns County, FL	Ongoing	N/A
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager: Jones Edmunds will design and obtain permitting for a regional stormwater treatment system for St. Johns County that will meet TMDL compliance goals and allow for the construction of State Road 305.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b (1) CR 125 Widening and Resurfacing Union County, FL	Ongoing	N/A
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Engineer: Jones Edmunds is providing permitting, design, and limited construction services for widening and resurfacing approximately 3.4 miles of County Road 125 from SR 121 to the Bradford County Line in Union County, Florida. This project is funded through the FDOT under the Small County Outreach Program.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c (1) Sweetwater/Paynes Prairie Sheetflow Restoration Final Design Gainesville, FL	Ongoing	N/A
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager: Jones Edmunds will complete the final design and permitting of the Sweetwater Branch/Sheetflow Restoration Project. We are currently working to complete the 30% plans and specifications.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d (1) Kenwood Boat Ramp Access Road, Parking Area, Ramp Improvements	Ongoing	N/A
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager: Jones Edmunds takes over this project from another consultant. The FDEP Office of Greenway Trails wishes to improve road access to the Kenwood Boat Ramp in Putnam County. The project consists of two phases that are to be designed concurrently. Phase 1 includes 1400 feet of existing dirt roadway improvements, ramp access, and parking areas. Phase 2 includes 3200 feet of improved roadway access and possible turn lanes on CR 315. Both phases include related stormwater issues and permitting. Jones Edmunds' scope of work may include reviewing and commenting on the previous consultant's work and/or redoing their previous work plus new design work.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e (1) SW 8th Avenue Recreational Path Design and Permitting	Ongoing	N/A
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager: Jones Edmunds will design and obtain permitting for the construction of a bike/pedestrian path along SW 8th Avenue from east of 75th Street to 122nd Street.	<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 Matthew Herrmann, PE	13. ROLE IN THIS CONTRACT Civil and Roadway - Roadway Design/ Permitting	14. YEARS EXPERIENCE	
		a. TOTAL 15	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION <i>(City and State)</i> Jones Edmunds & Associates, Inc., Gainesville, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL / Professional Engineer GA / Professional Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Herrmann has several years of experience in highway engineering and civil engineering. He is trained in various hydraulic analysis programs including HEC-RAS, PondPack, HY8, FlowMaster, and WSPRO. Mr. Herrmann is proficient in MicroStation, CAICE and GEOPAK for design and production of roadway and site development plans.			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	Alligator Creek Channel F Improvements Clearwater, FL	2009	2010
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Engineer: Jones Edmunds provided preliminary and final design plus permitting and construction-observation services for stabilizing an eroding stream channel (Channel F) in the City of Clearwater's Alligator Creek and bringing the channel's alignment back into the City's drainage easement. The City undertook the project in response to long-time complaints from residents about the situation. During the project Jones Edmunds worked with residents to minimize damage to private property during construction and re-alignment.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	Manatee Avenue Roadway Improvements Bradenton, FL	2005	Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Engineer Mr. Herrmann was responsible for coordination with FDOT for this LAP-funded project. He coordinated the efforts of utility engineers, landscape architects, and roadway engineers with input from FDOT to implement Department of Transportation design standards.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	CR 125 Widening and Resurfacing Union County, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Task Manager Jones Edmunds is providing permitting, design, and limited construction services for widening and resurfacing approximately 3.4 miles of County Road 125 from SR 121 to the Bradford County Line in Union County, Florida. This project is funded through the FDOT under the Small County Outreach Program.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	CDBG/EDTF Infrastructure Improvements Alachua, FL	2005	2005
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager: Mr. Herrmann prepared construction documents and provided construction services for all phases of the project. Jones Edmunds provided surveying, testing, permitting, design, bidding, and construction-phase services to the City of Alachua for roadway and utility infrastructure improvements to serve a proposed Wal-Mart Distribution Center near CR 235A. The project included approximately 1 mile of new two-lane divided roadway with turn lanes, stormwater swales, sidewalks, water mains, gravity sewers, lift station, force mains, back-up generators, and street lighting.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	NE SAFETEA-LU Roadway Improvements Gainesville, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Task Manager: Jones Edmunds is working with the City of Gainesville to narrow the scope of possible roadway improvement projects. In Phase I of the project Jones Edmunds will coordinate with City staff to conduct two public meetings to solicit comment and suggestions for improvements to the three project corridors. We will coordinate the meeting times and places and prepare materials for the meetings, including mailers for the City to send out, presentation graphics, handouts, and comment cards. After the meetings we will review and report on the written and oral comments received from the meetings to help the City limit the scope of projects.	<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 Alan Foley, PE	13. ROLE IN THIS CONTRACT Civil and Roadway – Stormwater/Water Resources	14. YEARS EXPERIENCE	
		a. TOTAL 12	b. WITH CURRENT FIRM 11
15. FIRM NAME AND LOCATION <i>(City and State)</i> Jones Edmunds & Associates, Inc., Gainesville, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Engineering / Environmental Engineering / University of Florida / 2002 Bachelor of Science / Environmental Engineering / University of Florida / 1996		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL / Professional Engineer / 60075 / 2003	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Foley has experience performing GIS/GPS analysis, water resources management, and systems ecology. He also has experience participating in and managing a variety of engineering, GIS, and environmental science projects. Mr. Foley has significant experience integrating hydrologic and hydraulic modeling with GIS-based tools and GPS for an efficient approach to system inventory and analysis, system modeling, and watershed master planning.			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	Masters Tract Regional Stormwater Treatment Facility St. Johns County, FL	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE GIS Analyst: Jones Edmunds will design and obtain permitting for a regional stormwater treatment system for St. Johns County that will meet TMDL compliance goals and allow for the construction of State Road 305.		
b.	Homosassa South Fork Watershed Improvements Lecanto, FL	2003	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE GIS Analyst: Mr. Foley converted approximately 60 square miles of hardcopy one-foot elevation contours to a digital format. This elevation data was critical to adequately characterize this karst watershed. The elevation data was used to generate a TIN that formed the basis of the hydraulic model development. Spatial data (e.g. ARC/INFO coverages) was formatted to adhere to Water Management District standards and specifications. Also updated floodplain information for the stormwater master plan. Jones Edmunds helped Citrus County with ongoing stormwater improvement efforts in the Homosassa South Fork watershed. This Watershed Management Plan project was co-funded by SWFWMD. This project consisted of data collection, GIS data conversion (including topographic data), watershed characterization, preliminary watershed evaluation, floodplain analysis, level of service determination, alternative and cost/benefit analysis, and permit coordination. We also prepared recommendations for flood protection, emergency preparedness, and water quality improvements.		
c.	Stormwater Master Plan and Implementation Destin, FL	2004	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE GIS Analyst: Mr. Foley provided GPS inventory of all stormwater structures to determine what structures the City has and to provide a base map for mapping and for the future operation and maintenance activities. Jones Edmunds developed a Citywide stormwater and flood plain management master plan as part of the City's ongoing effort to reduce property damages and adverse economic impacts due to flooding and other stormwater hazards. The stormwater master plan helps the City direct capital improvement projects and develop code standards and places the City in compliance with the NPDES Phase II Program.		
d.	Revitalization of Sweetwater Branch Gainesville, FL	2004	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE GIS Analyst: Mr. Foley provided GIS and field support throughout the duration of this project. Jones Edmunds assessed the ecology, erosion, and infrastructure of the 3.7-mile-long stream system and conducted a detailed characterization of 13 stream reaches. The primary goal of the project was to improve the surface water quality of the base flow and stormwater of the <u>Sweetwater Branch watershed.</u>		
e.	Lake City Stormwater Master Plan Columbia County, FL	2000	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE GIS Analyst: Mr. Foley provided integration/coupling of hydrologic modeling (HEC-RAS and HEC-HMS) with GIS-based watershed modeling tools and GPS to streamline the development of a regional Stormwater management plan. Jones Edmunds gathered all relevant information necessary to assess stormwater issues and to determine the location and extent of flooding problems in the study area, including topography, soils, land use, existing drainage infrastructure and its status, previously conducted drainage studies, and empirical information through interviews and meetings with local citizens and officials.		



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

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

12. NAME Amy Goodden	13. ROLE IN THIS CONTRACT Stormwater Systems	14. YEARS EXPERIENCE	
		a. TOTAL 10	b. WITH CURRENT FIRM 2
15. FIRM NAME AND LOCATION <i>(City and State)</i> Jones Edmunds & Associates, Inc., Gainesville, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science / Environmental Engineering Master of Engineering / Environmental Engineering Bachelor of Science / Environmental Science		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL / Professional Engineer FL / Engineer Intern	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Ms. Goodden is an environmental engineer with Jones Edmunds' Water Resources discipline. Her experience includes design and modeling of wetland restoration, stormwater treatment, and water and wastewater treatment systems. Ms. Goodden is also knowledgeable in permitting regulations.			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if Applicable)</i>
a.	Masters Tract Regional Stormwater Treatment Facility St. Johns County, FL	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Engineer: Jones Edmunds will design and obtain permitting for a regional stormwater treatment system for St. Johns County that will meet TMDL compliance goals and allow for the construction of State Road 305.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	Phase III - LID Manual Sarasota County, FL	2009	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Engineer: Jones Edmunds developed a Low-Impact Development (LID) Manual for Sarasota County. This LID Manual was based partly on successful design ideas from similar manuals around the country and was tailored to the conditions encountered in Sarasota County. Development of the LID Manual included incorporating input from a large, involved working group that included various groups within Sarasota County (public and private), SWFWMD, and some nearby communities.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	Stormwater Treatment Evaluation; Tyndall Air Force Base Panama City, Florida.	2005	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Engineer: Ms. Goodden evaluated the existing stormwater treatment features. She prepared a summary report and created a GIS map that identified the type of stormwater treatment feature and the permitting status of each feature. Ms. Goodden also provided recommendations and prepared a schematic design for a regional stormwater treatment system for the Air Force Base.	<input type="checkbox"/> Check if project performed with current firm	
d.	Sweetwater Branch Sheetflow Restoration Gainesville, FL	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Engineer: Ms. Goodden is supporting with developing the design basis and philosophy for a stormwater park and treatment wetland. She is integrating concerns for aesthetics and public access into the design, which must accommodate high peak flows, remove sediment and trash, and provide extensive erosion control. Jones Edmunds is providing the preliminary design, design (plans and specifications), bidding, and permitting services; interfacing with project stakeholders; and identifying	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	Crystal River Watershed Management Plan Southwest Florida	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Engineer: Under the SWFWMD Guidelines and Specifications, Jones Edmunds developed a Watershed Management Plan for the 12-square-mile Crystal River Incorporated Watershed. Jones Edmunds was responsible for the following tasks: sampling water quantity and quality, creating digital topographic information, conducting a watershed evaluation, and completing a watershed management plan.	<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 Benjamin J. Bukata, MS, PWS	13. ROLE IN THIS CONTRACT Environmental - Water Quality and Natural Systems	14. YEARS EXPERIENCE	
		a. TOTAL 14	b. WITH CURRENT FIRM 12
15. FIRM NAME AND LOCATION <i>(City and State)</i> Jones Edmunds & Associates, Inc., Gainesville, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Science / Wetlands Ecology Bachelor of Science / Wildlife Ecology		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Professional Wetland Scientist	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Bukata has worked in various capacities as a wetland scientist and GIS Analyst. He has demonstrated the comprehensive interdisciplinary project management experience necessary to provide support and analysis for environmental projects with an emphasis in wetlands. He has proven experience providing technical expertise in ecological services including establishing jurisdictional wetland boundaries, environmental permitting, designing wetland restoration sites, conducting qualitative and quantitative vegetation monitoring, conducting soil assessments, and conducting wildlife evaluations. He also has extensive GIS experience from managing GIS projects to using this technology to increase efficiency and improve products to our clients.			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	Space Commerce Way Northwest Leg CES and Wetlands Mitigation Kennedy Space Center, FL	2004	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Scientist: Jones Edmunds assisted project scientist with delineation of jurisdictional wetlands and surface waters in project area, SJRWMD and ACOE review of wetland lines, designing an approximately 2.0 acre emergent marsh in abandoned citrus groves, and permitting.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	Masters Tract Regional Stormwater Treatment Facility St. Johns County, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Scientist: Jones Edmunds will design and obtain permitting for a regional stormwater treatment system for St. Johns County that will meet TMDL compliance goals and allow for the construction of State Road 305.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	Wetland and TMDL Feasibility Study St. Johns County, FL	2010	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Scientist: Jones Edmunds evaluated the feasibility of regional stormwater treatment wetland mitigation in five primarily SJRWMD-owned properties by quantifying benefits and costs.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	Revitalization of Sweetwater Branch Gainesville, FL	2004	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Environmental Scientist: Mr. Bukata was responsible for assessing the entire stream system and writing a comprehensive literature review of Sweetwater Branch. He compiled and analyzed all existing water quality data for SW Branch. He also conducted a vegetation and erosion assessment of the entire stream length.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	SE 31st Street Retrofit Marion County, FL	2007	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager: Jones Edmunds has designed and is obtaining permitting for a 2.3-acre lined stormwater treatment wetland and a 0.1-acre bioretention area to treat stormwater from this watershed. The intent of this project is to attenuate peak flows and improve water quality before discharging to the large sinkhole.	<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 Mark Nelson, PE	13. ROLE IN THIS CONTRACT Project Engineer – GIS/ Digital Topographic Information	14. YEARS EXPERIENCE	
		a. TOTAL 17	b. WITH CURRENT FIRM 14
15. FIRM NAME AND LOCATION <i>(City and State)</i> Jones Edmunds & Associates, Inc., Gainesville, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Engineering / Civil Engineering Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL / Professional Engineer Geographic Information Systems Professional (GISP)	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Nelson is thoroughly familiar with GIS applications for engineering and environmental analysis. He also has experience in the areas of water resources management. He has formal training in ESRI, Erdas, Miner & Miner, and Trimble products. He has experience in GIS applications, development, and management. He has also taught GIS and engineering courses at the University of Florida's Civil Engineering Department as an adjunct professor.			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	Masters Tract Regional Stormwater Treatment Facility St. Johns County, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Quality Assurance/Quality Control: Jones Edmunds will design and obtain permitting for a regional stormwater treatment system for St. Johns County that will meet TMDL compliance goals and allow for the construction of State Road 305.		
b.	Water Distribution System Model Bradenton, FL	2000	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Engineer: Mr. Nelson developed a Cybernet model from a series of AutoCAD drawings of the potable water system piping. The AutoCAD drawings were initially georeferenced to the county parcel map. The City's billing records were then linked by address to parcels and to junctions in the model using ArcView to assign demands to the system. The elevations for each junction were assigned by overlaying the junctions onto digital USGS 7.5 minute quadrangle maps, and verified using GPS.		
c.	Wetland and TMDL Feasibility Study St. Johns County, FL	2010	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Client Services:</i> Jones Edmunds evaluated the feasibility of regional stormwater treatment wetland mitigation in five primarily SJRWMD-owned properties by quantifying benefits and costs.		
d.	FDEM Statewide Coastal Mapping Florida Division of Emergency Management	Ongoing	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Officer: Mr. Nelson provided project direction and quality assurance. Jones Edmunds augmented the staff of the Florida Division of Emergency Management to assist in program management of the ongoing LiDAR data collection, regional HurrEvac studies, and SLOSH model updates. Jones Edmunds will be cataloging and managing the data collected throughout the \$29 million statewide project and will be performing QA/QC on the LiDAR and orthophotography on behalf of the State.		
e.	Elevation Data Collection SFWMD	2006	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE QA/QC: Jones Edmunds coordinated the inventory, analysis, and review of all existing topographic information for the SFWMD. The project required coordination with District staff, the U.S. Army Corps of Engineers, other state and federal agencies, and the District's contractors.		

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

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

12. NAME William Millinor, GISP	13. ROLE IN THIS CONTRACT GIS- Task Manager	14. YEARS EXPERIENCE	
		a. TOTAL 9	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION <i>(City and State)</i> Jones Edmunds & Associates, Inc., Gainesville, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Science / Natural Resource Management-Spatial Information Systems Bachelor of Science / Forest Resources and Conservation		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Geographic Information Systems Professional (GISP)	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Millinor has extensive experience in GIS. He is well-versed in designing and implementing accuracy assessments and field data collection using ArcPad and GPS. He has successfully managed a wide range of projects for clients throughout the state including cities, counties, and water management districts ranging from data conversion and terrain generation to needs assessments and enterprise GIS/CMMS implementations. He has worked with ArcGIS and Imagine to map vegetation and fire fuel loads using true color infrared aerial photography. Mr. Millinor taught advanced GIS courses at North Carolina State University (NCSSU) for five years and was a visiting lecturer for two years at the University of North Carolina at Chapel Hill where he taught GIS and GPS in the Geology Department.			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	Wares Creek Bridge Replacement Bradenton, FL	Ongoing	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Check if project performed with current firm GIS Analyst: Jones Edmunds prepared final design, plans, and specifications for four replacement bridges crossing Wares Creek. The project also included additional surveying of upstream bridges, updating the hydrologic model, and permitting for 9th Ave West bridge construction.		
b.	FDEM Statewide Coastal Mapping Florida Division of Emergency Management	Ongoing	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Check if project performed with current firm Project Manager: Mr. Millinor managed the Jones Edmunds FDEM LiDAR QA team. This entailed tracking the budget for the multi-year project and attending weekly teleconferences with the contractors to work through ongoing issues and concerns. Mr. Millinor was in constant contact with FDEM to keep them apprised of progress throughout the project and was ultimately responsible for delivering QA reports to the State for use in acceptance of the LiDAR. Jones Edmunds augmented the staff of the Florida Division of Emergency Management to assist in program management of the ongoing LiDAR data collection, regional HurrEvac studies, and SLOSH model updates.		
c.	Elevation Data Collection SFWMD	2006	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Check if project performed with current firm Project Manager: Mr. Millinor was responsible for all services provided for this project, including coordinating with the several entities involved. Mr. Millinor reviewed literature on procedures for topographic updates and created a Standard Operating Procedure for ongoing District updates. Jones Edmunds coordinated the inventory, analysis, and review of all existing topographic information for the SFWMD. The project required coordination with District staff, the U.S. Army Corps of Engineers, other state and federal agencies, and the District's contractors.		
d.	Cityworks Implementation St. Johns County, FL	2009	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Check if project performed with current firm Project Manager: Mr. Millinor is managing the ongoing effort between SJCUD and Jones Edmunds to implement Cityworks, a GIS-centric CMMS. This includes coordination between SJCUD and Jones Edmunds to develop water and wastewater database models as well as developing standardized workflows for us within SJCUD. Mr. Millinor must also manage the budget and deliverables to ensure the project is completed on time and under budget. Jones Edmunds help the County establish and implement a computerized maintenance management system (CMMS) using the software package Cityworks, a GIS-centric work-management solution.		
e.	LiDAR Quality Assurance Lee County, FL	2009	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Check if project performed with current firm Project Manager: Mr. Millinor was in constant contact with Lee County personnel and the County LiDAR contractor to ensure move the project to completion in a timely manner while receiving a quality product for the County. Jones Edmunds provided planning and quality assurance for the Lee County LiDAR mapping project. We worked to maintain consistency in the LiDAR deliverables throughout Lee County while checking the vertical accuracy and completeness of the LiDAR data.		

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

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

12. NAME <b>J. David Malcolm, ASLA</b>	13. ROLE IN THIS CONTRACT Principal	14. YEARS EXPERIENCE			
		a. TOTAL:	# 16	b. WITH CURRENT FIRM	# 11
15. FIRM NAME AND LOCATION <i>(City and State)</i> Wood+Partners Inc. 612 S. Copeland Street, Tallahassee, FL 32304					
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Landscape Architecture – Virginia Tech 1995			17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Florida #6666821		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> American Society of Landscape Architects (ASLA), SCASLA Executive Committee 2001-2005; FLASLA Executive Committee Member 2010-2011; Chairman, Member of the Urban Design Commission (COT); Chairman and Board Member of Keep Tallahassee / Leon County Beautiful; Member Florida Recreation & Park Association. Presented educational sessions at SCRPA/NCRPA, FRPA & GRPA regional recreation conferences. Awards – West Washington Street Redevelopment – 2007 SCASLA Merit Award; Lake Oconee Village Design Guidelines – 2005 SCASLA Honor Award for Planning; Coastal Discovery Museum at Honey Horn – 2001 SCASLA Honor Award for Design; Savannah Harbor Resort – 2001 SCASLA Merit Award for Planning.					

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	<b>Tanyard Creek Park &amp; Nature Center Master Plan</b> Quincy, FL	On-going	CONSTRUCTION (If Applicable) On-going
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <span style="float:right">[X] Check if project performed with current firm</span> The Community Redevelopment Agency for the City of Quincy, FL approved the master plan for the Tanyard Creek Park, prepared by Wood + Partners, Inc. This master plan is being used to secure funding through a grant from the Florida Recreation Development Assistance Program. Additionally, the bid documents will be used to apply for Neighborhood Revitalization funding through the Community Redevelopment Block Grant. The 35-acre park site sits adjacent to the Tanyard Creek Greenway and is also within the geographic center of town. The phased plan will bring much needed family sized pavilions, meadow open spaces and walking paths. Later phases will include a nature center, planted grove, "boundless" playground, a sports court, walking trails, a large grassy open space, meadow and amphitheater. A restored wetland with new storm water features will provide needed storm water management on the site as well.		
b.	<b>Tallahassee Trails</b> Tallahassee, FL	2008	CONSTRUCTION (If Applicable) 2009
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <span style="float:right">[X] Check if project performed with current firm</span> The Tallahassee Trails project was a conceptual planning exercise for a representative trailhead design to be located along various trails within the City of Tallahassee, Florida. Two typical trailheads, one large and one small, were planned to initially be located at Tom Brown Park and Meridian Park within the City of Tallahassee, with the intent to utilize the final design at various trails within the overall parks system. WPI worked with the Parks and Recreation Department to establish an overall character and "branding" of the trailheads as well as prepared limited construction details for the built environment to be applied to future site specific trailhead designs that included shade structures and kiosks, pedestrian circulation, site furnishings, and conceptual landscape enhancement.		
c.	<b>Historic 4<sup>th</sup> Ward Park</b> Atlanta, GA	On-going	CONSTRUCTION (If Applicable) On-going
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <span style="float:right">[X] Check if project performed with current firm</span> A new urban park located within the Historic 4th Ward Neighborhood of Atlanta, GA will be one of the first redevelopment projects undertaken by the Atlanta Beltline Incorporated. Sustainable design principles are implemented through the incorporation of photovoltaic solar arrays to adhere to a net-zero energy usage policy, along with stormwater reuse for irrigation, use of recycled materials and establishment of urban forest and native meadow areas.		
d.	<b>Port St. Joe Sports Regional Sports Complex</b>	2009-2010	CONSTRUCTION (If Applicable) N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <span style="float:right">[X] Check if project performed with current firm</span> WPI worked with the City of Port St. Joe on a master plan for their 60 acre Regional Sports Complex featuring nine ball fields and support facilities. The ball fields accommodate Little League Baseball, T-ball and girls softball programs. Also planned is a multi-use field that accommodates both football and soccer and can serve as festival space during tournaments. Other facilities include batting cages, a playground, picnic shelters and walking trails and boardwalks through on-site wetlands. The program elements were derived from public input via the recreation needs assessment that WPI conducted with the City in conjunction with planning efforts for the Sports Complex.		
e.	<b>Heritage Park</b> Simpsonville, SC	2005-2007	CONSTRUCTION (If Applicable) 2007
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <span style="float:right">[X] Check if project performed with current firm</span> Heritage Park is a 90-acre regional recreation complex with a linked trail system connecting park facilities. Phase One facilities include a 6-field baseball complex with training facilities, a custom designed playground and community gathering space, a community building with arcade, a soccer field, miniature train, flexible-use meadow, numerous picnic shelters. Awards: President's Award for Design - South Carolina ASLA 2005; Merit Award AIA Greenville Section - 2007		

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

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

12. NAME <b>Kristen Mansfield, LEED AP ASLA</b>	13. ROLE IN THIS CONTRACT Project Manager – Wood+Partners Inc.	14. YEARS EXPERIENCE		
		a. TOTAL:	# 7	b. WITH CURRENT FIRM # 7

15. FIRM NAME AND LOCATION *(City and State)*  
Wood+Partners Inc.  
612 S. Copeland Street, Tallahassee, FL 32304

16. EDUCATION *(DEGREE AND SPECIALIZATION)*  
**Bachelor of Landscape Architecture - Ball State University, 2004**

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
Memberships: American Society of Landscape Architects (ASLA), SCASLA ; Florida Recreation & Park Association; Urban Land Institute, Young Leader; United States Green Building Council LEED Accredited Professional, Florida Capital Region Chapter; Sigma Lambda Alpha: Landscape Architect Honor Society. Awards: Marriott's SurfWatch – 2008 Tri-State Merit Award; West Washington Street Redevelopment & Streetscape – 2007 SCASLA Merit Award. Conferences: 2009 FRPA Agency Summit; 2007 FRPA Southern Region; 2006 PSMJ Project Management Bootcamp; 2003 ASLA Annual Meeting and Expo.

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Historic 4<sup>th</sup> Ward Park Atlanta, GA</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable) On-going

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE [X] Check if project performed with current firm  
A new urban park located within the Historic 4th Ward Neighborhood of Atlanta, GA will be one of the first redevelopment projects undertaken by the Atlanta Beltline Incorporated. Sustainable design principles are implemented through the incorporation of photovoltaic solar arrays to adhere to a net-zero energy usage policy, along with stormwater reuse for irrigation, use of recycled materials and establishment of urban forest and native meadow areas.

b.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Port St. Joe Sports Regional Sports Complex Port S. Joe, Florida</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2009-2010	CONSTRUCTION (If Applicable) N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE [X] Check if project performed with current firm  
WPI worked with the City of Port St. Joe on a master plan for their 60 acre Regional Sports Complex featuring nine ball fields and support facilities. The ball fields accommodate Little League Baseball, T-ball and girls softball programs. Also planned is a multi-use field that accommodates both football and soccer and can serve as festival space during tournaments. Other facilities include batting cages, a playground, picnic shelters and walking trails and boardwalks through on-site wetlands. The program elements were derived from public input via the recreation needs assessment that WPI conducted with the City in conjunction with planning efforts for the Sports Complex.

c.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Tallahassee Trails Tallahassee, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2008	CONSTRUCTION (If Applicable) 2009

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE [X] Check if project performed with current firm  
The Tallahassee Trails project was a conceptual planning exercise for a representative trailhead design to be located along various trails within the City of Tallahassee, Florida. Two typical trailheads, one large and one small, were planned to initially be located at Tom Brown Park and Meridian Park within the City of Tallahassee, with the intent to utilize the final design at various trails within the overall parks system. WPI worked with the Parks and Recreation Department to establish an overall character and "branding" of the trailheads as well as prepared limited construction details for the built environment to be applied to future site specific trailhead designs that included shade structures and kiosks, pedestrian circulation, site furnishings, and conceptual landscape enhancement.

d.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>621 TLH Sculpture Garden Tallahassee, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2008	CONSTRUCTION (If Applicable) 2009

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE [X] Check if project performed with current firm  
The project's landscape design incorporates preservation of existing plants and installation of native species that promote wildlife habitat. The garden also promotes design innovation by showcasing sustainable building products. The improved sculpture garden integrates visual art into an urban garden and when completed, will create a unique cultural asset within Tallahassee's urban landscape.

e.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Town of SaltAire Master Plan and Waterfront Development Mobile, AL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2007-2009	CONSTRUCTION (If Applicable) 2009

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE [X] Check if project performed with current firm  
WPI provided master planning for a 500 acre residential resort community located near Mobile Bay. The master plan develops a network of distinct neighborhoods, parks and community amenities that are carefully integrated with preserved woodland, natural waterways and spectacular view of Mobile Bay.

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

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

12. NAME <b>Kyle Theodore, ASLA</b>	13. ROLE IN THIS CONTRACT Principal – Wood+Partners Inc.	14. YEARS EXPERIENCE		
		a. TOTAL:	# 28	b. WITH CURRENT FIRM # 13

15. FIRM NAME AND LOCATION *(City and State)*  
Wood+Partners Inc.  
612 S. Copeland Street, Tallahassee, FL 32304

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> <b>Bachelor of Landscape Architecture Iowa State University, 1983</b>	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> South Carolina #566
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
Memberships: American Society of Landscape Architects (ASLA), SCALA, Founding Member/Chairperson/Board of Directors, Lowcountry ReLeaf, 1989-1992; Founding Member/Board of Directors, SC Urban and Community Forestry Council; South Carolina Recreation & Park Association; Georgia Recreation & Park Association; Florida Recreation & Park Association; Board Member, Hilton Head Island Recreation Association. Awards: Heritage Park – 2007 Merit Award, AIA Greenville Section; Port of Port Royal Land Use Plan – 2007 SCASLA Honor Award; Heritage Park – 2006 Achievement Award by Municipal Association of SC; Heritage Park – 2005 SCASLA President's Award for Design; Coastal Discovery Museum, Hilton Head Island, SC – 2001 SCASLA Honor Award

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	<b>Bluffton Oyster Factory Master Plan Bluffton, SC</b>	On-going	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE This Master Plan Project included planning and community consensus building services for a new park on the 8-acre site of the historic Bluffton Oyster Factory. Located on the May River, the park establishes linkage to the river providing passive water-related recreation opportunities and a site for Bluffton's festivals and special events. The master plan includes picnic areas and shelters, a boat ramp, parking, trails, playground and river views.	[X] Check if project performed with current firm	
b.	<b>Buckwalter Master Plan Bluffton, SC</b>	On-going	On-going
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Buckwalter Community Park is a 140-acre regional park with extensive youth athletic facilities. This new park will include a six-field soccer complex, a three-field baseball complex, 25,000-square-foot community center, 50-meter competition swimming pool, 13-court tennis center, skate park & roller hockey pavilion, open meadows for free play, walking trails, numerous pavilions & picnic shelters, and other passive use facilities. The park was designed to provide active and passive recreation opportunities for the entire family, and includes facilities for special events and festivals.	[X] Check if project performed with current firm	
c.	<b>Camp St. Mary's Master Plan Beaufort, SC</b>	2002	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Camp St. Mary's is a passive-use park located on a historic, secluded site overlooking the Okatie River midway between Beaufort and Hilton Head Island. The park will offer picnic shelters, playground and walking trails throughout woodland areas along the riverfront. The master plan includes a new swimming pool and an education center/meeting facility in a refurbished lodge. A historic chapel will be retained as the centerpiece of the park.	[X] Check if project performed with current firm	
d.	<b>Conway RiverWalk &amp; Waterfront Park Project Conway, SC</b>	2005	2006
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The Conway Riverwalk & Waterfront Park Project included planning and urban design services for a historic river front redevelopment district. The plan re-establishes linkages of the City's central business district to the Waccamaw River. The project includes a waterfront park and festival area, both on land and over water riverwalk facilities, pavilions, transient boat docks, a new marina store and boat ramp, streetscaping and sidewalk development. Award: 2001 Honor Award for Design, Tri-State Chapters ASLA	[X] Check if project performed with current firm	
e.	<b>Honey Horn Plantation Master Plan Hilton Head Island, SC</b>	2000	On-going
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The Coastal Discovery Museum of Hilton Head Island has the rare opportunity to relocate to a mid 1800s farm and plantation. The museum commissioned WPI to develop a master plan for the Honey Horn site that would preserve and provide public access to the last significant parcel of rural property remaining on the Island. Phase I development included restoration of the main house to create a new discovery center, construction of numerous boardwalks and docks, interpretive signage, and creation of a new outdoor gathering space. Award: 2001- Honor Award for Planning by South Carolina Chapter ASLA	[X] Check if project performed with current firm	

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

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

12. NAME <b>Mark L. Baker ASLA</b>	13. ROLE IN THIS CONTRACT Partner – Wood+Partners Inc.	14. YEARS EXPERIENCE		
		a. TOTAL:	# 34	b. WITH CURRENT FIRM # 13

15. FIRM NAME AND LOCATION *(City and State)*  
Wood+Partners Inc.  
7 Lafayette Place, Hilton Head Island, SC 29926

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> <b>Bachelor of Landscape Architecture School of Environmental Design University of Georgia - 1977</b>	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Florida #6666776 Georgia #1121 North Carolina #805 South Carolina #276
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
American Society of Landscape Architects (ASLA); University of Georgia School of Environmental Design Alumni Steering Committee; Council of Landscape Architects Registration Board; SC Landscape Architect Advisory Council; Chair – Environment, Parks & Recreation Subcommittee – Hilton Head Island Greater Island Committee; National Recreation & Park Association; SC, FL, GA & SC Recreation & Park Associations; American Planning Association; Urban Land Institute; Awards – Heritage Park, Jones Bridge Park Riverwalk, Orangeburg Streetscape, Conway Riverwalk, Coastal Discovery Museum at Honey Horn

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	<b>Mitchelville Freedom Park Hilton Head Island, SC</b>	On-going	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE [X] Check if project performed with current firm The Mitchelville Project Committee engaged Wood+Partners Inc. to assist with the development of a Conceptual Master Plan, Space Needs Assessment, Summary of Development Costs and associated Consultants Costs and a Critical Path/Project Schedule for the Mitchelville Freedom Park Project. The Master Plan created for Mitchellville Freedom Park conceptually illustrates a park that will become the educational and interpretative site of the historic Town of Mitchellville. These elements will include a period garden, a small amphitheater/outdoor classroom and open air pavilion, a heritage trail comprised of shell/sand paths and streets, archaeological excavation sites, additional historic interpretation and heritage features.		
b.	<b>Conway Riverwalk &amp; Waterfront Park Conway, SC</b>	2005	2006
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE [X] Check if project performed with current firm The Conway Riverwalk & Waterfront Park Project included planning and urban design services for a historic river front redevelopment district. The plan re-establishes linkages of the City's central business district to the Waccamaw River. The project includes a waterfront park and festival area, both on land and over water riverwalk facilities, pavilions, transient boat docks, a new marina store and boat ramp, streetscaping and sidewalk development. Award: 2001 Honor Award for Design, Tri-State Chapters ASLA		
c.	<b>Bluffton Oyster Factory Master Plan Bluffton, SC</b>	2007	2009
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE [X] Check if project performed with current firm This Master Plan Project included planning and community consensus building services for a new park on the 8-acre site of the historic Bluffton Oyster Factory. Located on the May River, the park establishes linkage to the river providing passive water-related recreation opportunities and a site for Bluffton's festivals and special events. The master plan includes picnic areas and shelters, a boat ramp, parking, trails, playground and river views.		
d.	<b>Jones Bridge Park Riverwalk Gwinnett County, Georgia</b>	2002	2003
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE [ ] Check if project performed with current firm The Riverwalk at Jones Bridge Park provides much needed public access to the shoals of the Chattahoochee River in the North Atlanta/Gwinnett County Region. This project includes design and engineering for extensive riverbank restoration and shoreline stabilization, access walks to popular river shoals area, reforestation as well as ADA accessibility, extensive passive use picnic areas, seating and hiking facilities. The children's playground and covered picnic shelter are family-oriented amenities. Award: 2005 Merit Award for Design by SCASLA		
e.	<b>Savannah Park Master Plan Savannah, GA</b>	2000	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE [X] Check if project performed with current firm Savannah holds the distinction of being the first planned city in North America. The city provides its residents with an elegant historic setting and a rich framework of city parks, squares and gardens. WPi was commissioned to prepare a city-wide recreation master plan to assess current and future parks and recreation programming needs. The master plan included public workshops, a public opinion survey, and consensus building.		



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

12. NAME <b>MARK A. TARMY A.I.A./NCARB</b>	13. ROLE IN THIS CONTRACT <b>ARCHIECT/PRINCIPAL/PRESIDENT</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>28</b>	b. WITH CURRENT FIRM <b>4</b>

15. FIRM NAME AND LOCATION (City and State)  
**4M DESIGN GROUP, P.A. TALLAHASSEE, FLORIDA**

16. EDUCATION (DEGREE AND SPECIALIZATION) <b>BACHELOR OF ARCHITECTURAL DESIGN          UNIVERSITY, of FLORIDA 1979          MASTER OF ARCHITECTURE          FLORIDA A&amp;M UNIVERSITY, 1981</b>	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)  <b>FL AR015644 NCARB Certificate #67243</b>
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
**Natinal Council of Architectural Registration Boards; American Institute of Architects, Tallahassee / Capital Region Chapter  
 US Green Building Council, Florida Capital Region Chapter; Florida Trust for Historic Preservation;**

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>HOLY COMFORTER STUDENT ACTIVITY CENTER TALLAHASSEE, FLORIDA</b>	<b>2006</b>	<b>2006-2007</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm <b>WE SERVED AS THE ARCHITECT FOR THIS MULTI-PURPOSE CLASSROOM/ATHLETIC FACILITY FOR A PRIVATE SCHOOL THAT INCLUDED A GYMNASIUM, LOCKER ROOMS FOR MEN AND WOMEN, COACHES OFFICES AND CONFERENCE FACILITES. COST \$2.9 MILLION.</b>		
<b>FMB BANK @ METROPOLITAN WAY</b>	<b>2006</b>	<b>2006-2007</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm <b>FULL SERVICE A/E FOR 21,600 SF BANKING FACILITY WITH SATELLITE TELECOMMUNICATION CAPABILITIES AND 14,400 SF OF LEASE-TENANT SPACE ALL LEACE HOLD IMPROV.</b>		
<b>PANAMA CITY PUBLIC WORKS BUILDING</b>	<b>2008</b>	<b>2008-2009</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm <b>8,400 SQ. FT PRE-FABRICATED METAL BUILDING AND INTERIOR FIT-OUT FOR THE CITY PUBLIC WORKS PERSONNEL AND EQUIPMENT STORAGE. THE PROJECT WAS COMPLETED ON THE INTERIOR OF THE ACTIVE PUBLIC WORKS FACILITY WITHOUT INTERRUPTION TO SERVICE.</b>		
<b>CITY OF PANAMA CITY FIRE TRAINING ACADEMY</b>	<b>2008</b>	<b>2008-2009</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm <b>3,150 SQ FT TRAINING AND FOOD PREPARATION FACILITY WAS DESIGNED FOR TRAINING AND FOOD SERVICE DURING EMERGENCY OPERATIONS. EQUIPPED WITH LARGE SCALE KITCHEN, CLASSROOM, LOCKER ROOM AND DINING SPACES, THE BUILDING WAS DESIGNED TO EMBODY THE ARCHITECTURE OF THIS FLORIDA COASTAL COMMUNITY.</b>		
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		

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

12. NAME <b>Gregory S. Preble, PE</b>	13. ROLE IN THIS CONTRACT Structural Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 31	b. WITH CURRENT FIRM 0

15. FIRM NAME AND LOCATION (City and State)

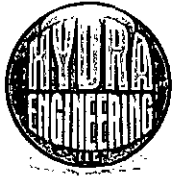
16. EDUCATION (DEGREE AND SPECIALIZATION)  
Bachelor of Science, Civil Engineering  
University of Florida

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)  
Florida PE No. 34338

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

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Willis Bridge Calhoun County, Florida	Structural Engineer	1990	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
a. 135' Concrete Arch bridge for two lane highway.			
Rock Landing Commercial Fishing Pier Panacea, Florida	Structural Engineer	2008	2009
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
b. Structural Engineer for 212 LF Concrete Commercial Fishing pier, floating dock, double boat ramp and associated parking.			
Windmark Phase 1 Bridge Port St. Joe, Florida	Structural Engineer	1993	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
c. 100' long single span pre-stressed hollow core deck vehicular bridge.			
Mashes Sands Park Fishing Pier Expansion Panacea, Florida	Project Manager	2008	2009
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
d. Structural Engineer for a 670 LF, 10 wide wood fishing pier and pier renovation for Wakulla County. Project also included a new restroom facility constructed with Concrete blocks.			
Wooley Park Fishing Pier Panacea, Florida	Project Manager	2008	2009
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
e. Structural Engineer of 300 LF of new boardwalk to make the facility HC accesible and the installtion of anti-floatation grates into the existing 600 LF wood pier.			



## *HYDRA ENGINEERING, LLC*

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### **B. EXPERIENCE WITH PROJECTS OF SIMILAR TYPE AND SIZE**

1. Ten (10) projects are provided on the following pages that illustrate the experience of our firm and our staff with similar projects. All of the projects provided were completed by Hydra or Jones Edmunds' staff and the personnel that would be utilized to perform the work under this contract.

2. Hydra is currently working on three (3) projects that are similar in nature and size as the projects proposed in this contract. They are as follows:

A. **Chaires Fire Station** – This project involves site planning, environmental permitting, grading & drainage design, landscape design and coordination with the City of Tallahassee's Fire Department with Leon County's Fire Department.

B. **Tower Road Restroom and Pavilion** – This project involves site planning, environmental permitting, grading & drainage design, extension of potable water to the restroom facility, access road design and associated stormwater improvements. The site planning of this relatively small project required extensive hydrologic and hydraulic modeling due to contributing offsite basins. The site is also located in a closed basin, with an existing drainage channel along the property line that outfalls to a flood control pond. The channel needed to be modeled to determine staging elevations in different storm event so that the stormwater facilities for the proposed improvements could be designed and to determine the existing floodplain elevations.

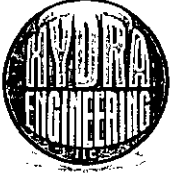
C. **Blankemeyer Mini Storage** – The proposed Blankemeyer Mini Storage is located in an Urban Services Area within an Industrial Zone District. The project consists of 4 buildings, access off of Shelfer Road, extension of water and sewer to the building and a regional stormwater facility. The project is going through the Site Plan and Environmental permitting process with Leon County and Northwest Florida Water Management District.

3. Code Compliance:

At the beginning of each task, Hydra will meet with Leon County staff to understand the scope of work and ensure the relevant codes and regulatory processes are followed. Prior to commencing the project, current local, state and federal applicable codes and design standards will be obtained to ensure accuracy in the planning and design processes.

4. Basic and Special Resources available to the firm:

Hydra is not only committed to staffing the firm with the finest professionals available, we also have an on-going commitment to provide that staff with state-of-the-art equipment to



## *HYDRA ENGINEERING, LLC*

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assure its position at the forefront of civil engineering techniques in the region, including the incorporation of the latest hydraulic and hydrologic modeling software.

### Specialty software:

- Interconnected Channel and Pond Routing Model (ICPR) by Streamline Technologies
- XP-SWMM by XP Software
- HEC-RAS, version 4.1.0; Army Corps of Engineers
- HEC-HMS, version 3.5; Army Corps of Engineers
- MODRET by Scientific Software Group
- AutoCAD Civil 3D Land Development Desktop 2010
- ArcGIS by Environmental Science Research Institute (ESRI)
- Microsoft Office 2010: Word, Excel, Access, PowerPoint, Publisher
- Adobe Acrobat 9

**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.)*

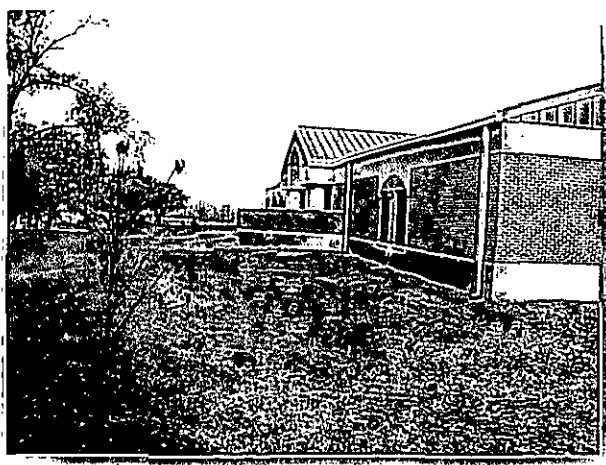
20. EXAMPLE PROJECT KEY NUMBER  
 1

21. TITLE AND LOCATION <i>(City and State)</i> <b>NE Branch Library Expansion</b> Tallahassee, Florida	22. YEAR COMPLETED 2011
	PROFESSIONAL SERVICES 2010
	CONSTRUCTION (if Applicable) 2011

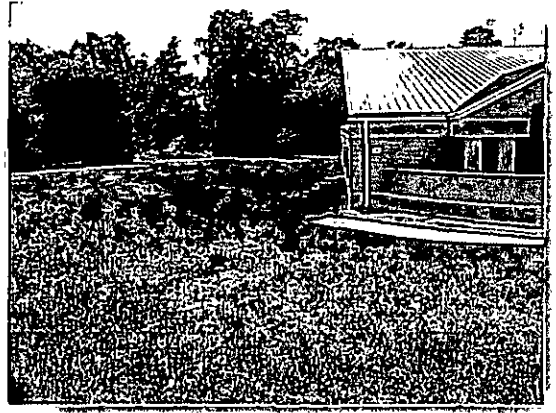
**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Leon County Facilities 1907 S. Monroe Street Tallahassee, FL 32301	b. POINT OF CONTACT NAME John Ward	c. POINT OF CONTACT TELEPHONE NUMBER (850) 606-5022
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



Hydra was the civil engineering firm for a 5,000 SF addition to an existing library. As part of the engineering for the addition, Hydra had to review the existing parking lot and suggest revision to make sure adequate parking was available. Hydra also had to analyze the existing stormwater management facility to assure that past additions had not modified the system and that adequate capacity was available in the system for the new expansion.



Leslie Hope was the Project Manager / Project Engineer.

Period of Performance (Design) – 120 Days  
 Contract Amount – \$19,500

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

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Hydra Engineering, LLC	Crawfordville, Florida	Civil Engineer
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER  2
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21. TITLE AND LOCATION <i>(City and State)</i> <b>Leon County Traffic Court Annex</b> Tallahassee, Florida	22. YEAR COMPLETED  2010
	CONSTRUCTION (if Applicable) 2010

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Leon County Facilities 1907 S. Monroe Street Tallahassee, FL 32301	b. POINT OF CONTACT NAME  John Ward	c. POINT OF CONTACT TELEPHONE NUMBER  (850) 606-5022
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Hydra was civil engineer for a 450 SF addition to the existing Leon County Traffic Court annex. As part of the engineering for the addition, Hydra had to reconfigure the existing parking lot, provide additional handicap spaces and dumpster facility. The project went through the City of Tallahassee's Site planning process, Florida Department of Transportation's Access Permit and was exempt from Northwest Florida Water Management District.

Joe Hope was the Project Manager and Project Engineer.



Period of Performance (Design) – 120 Days  
Contract Amount – \$19,500

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

a.	(1) FIRM NAME  Hydra Engineering, LLC	(2) FIRM LOCATION (City and State)  Crawfordville, Florida	(3) ROLE  Civil Engineer
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER  3
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21. TITLE AND LOCATION <i>(City and State)</i> <b>City of Sopchoppy City Hall</b> Sopchoppy, Florida	22. YEAR COMPLETED  PROFESSIONAL SERVICES 2009	CONSTRUCTION (if Applicable) 2010
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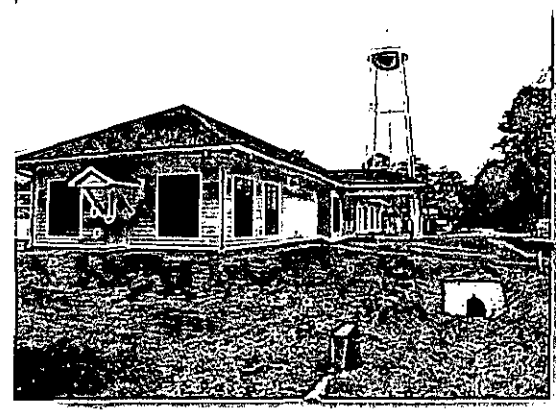
**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER City of Sopchoppy P.O. Box 1219 Sopchoppy, FL 32358	b. POINT OF CONTACT NAME  Jackie Lawhon	c. POINT OF CONTACT TELEPHONE NUMBER  (850) 962-4611
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



Hydra was the civil engineer for a new city hall in Sopchoppy, Florida. The new building is 3,500 square feet. Hydra was responsible for all site design, grading & drainage, utility infrastructure, permitting and inspection of site improvements.



The property on which the city hall was constructed has a historically high water table and required special design consideration in the two stormwater management facilities.

Joe Hope was the Project Manager / Project Engineer. Leslie Hope was the Stormwater Engineer.

Period of Performance (Design) – 120 Days  
 Contract Amount – \$ 25,400.00

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

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Hydra Engineering, LLC	Crawfordville, Florida	Civil Engineer
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 4
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21. TITLE AND LOCATION <i>(City and State)</i>  <b>Wakulla County Courthouse Study &amp; Renovations</b> Crawfordville, Florida	22. YEAR COMPLETED  PROFESSIONAL SERVICES 2008	CONSTRUCTION (if Applicable) 2011
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**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Wakulla County Board of Commissioners	b. POINT OF CONTACT NAME Brent Thurmond	c. POINT OF CONTACT TELEPHONE NUMBER 850-926-0905
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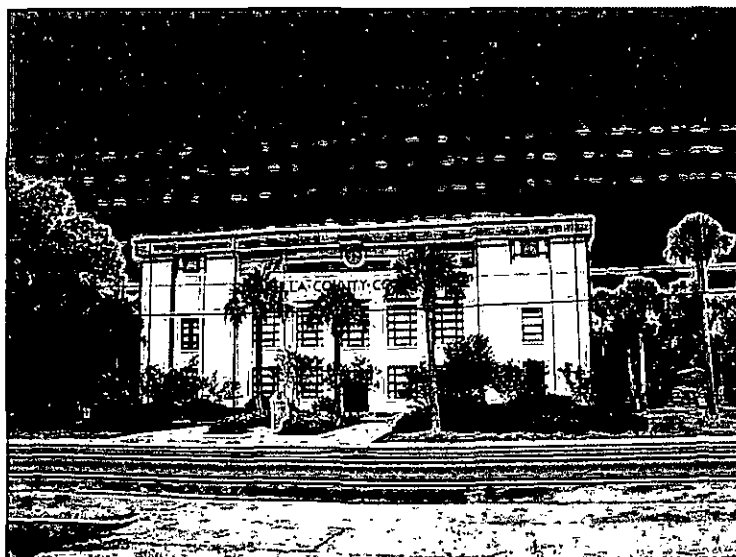
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The project includes:

- A 15,000 sf addition to the courthouse including a new sally port for prisoner transfer,
- Realignment of surrounding roads to provide secure access,
- New Mechanical Systems,
- Extension of water to sprinkler the addition,
- Renovations of Existing Offices and Courtrooms.

The project is currently under construction.

Joe Hope was the Project Manager and Project Engineer.



Project Size: 15,000 sf  
 Project Cost: \$2,243,324 (2011) Hydra's Design Fee: \$18,500

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

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Hydra Engineering, LLC	Crawfordville, Florida	Civil Engineer
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER <b>5</b>
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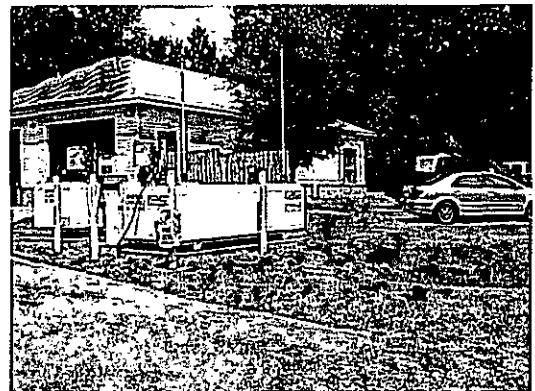
21. TITLE AND LOCATION <i>(City and State)</i> <b>Chairs Fire Station Addition</b> Leon County, Florida	22. YEAR COMPLETED 2011
	PROFESSIONAL SERVICES 2011
	CONSTRUCTION (if Applicable) 2011

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Leon County Facilities 1907 S. Monroe Street Tallahassee, FL 32301	b. POINT OF CONTACT NAME John Ward	c. POINT OF CONTACT TELEPHONE NUMBER (850) 606-5022
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Hydra was civil engineer for a 420 SF addition to the existing Chairs Fire Station. Hydra was responsible for Site planning, environmental permitting, grading & drainage design, landscape design and coordination with the City of Tallahassee's Fire Department with Leon County's Fire Department. Since the project is a retro-fit, the existing stormwater facilities and landscape buffering was brought up to current standards.



Leslie Hope was the Project Manager and Project Engineer for Chairs Fire Station.



Period of Performance (Design) – 120 Days  
 Contract Amount – \$7,900

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

a.	(1) FIRM NAME Hydra Engineering, LLC	(2) FIRM LOCATION (City and State) Crawfordville, Florida	(3) ROLE Civil Engineer
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER  6
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21. TITLE AND LOCATION <i>(City and State)</i>  <b>City of Panama City Fire Training Facility</b> Panama City, Florida	22. YEAR COMPLETED <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">PROFESSIONAL SERVICES 2008</td> <td style="width:50%;">CONSTRUCTION (if Applicable) 2009</td> </tr> </table>	PROFESSIONAL SERVICES 2008	CONSTRUCTION (if Applicable) 2009
PROFESSIONAL SERVICES 2008	CONSTRUCTION (if Applicable) 2009		

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER City of Panama City 2001 Beck Avenue Panama City, FL 32405	b. POINT OF CONTACT NAME  Neil Fravel	c. POINT OF CONTACT TELEPHONE NUMBER  850-872-3015
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

This project consisted of removal of the existing building and parking area and installing a new 4,000 s.f. training facility, parking area, sidewalks, utility infrastructure and associated storm drainage improvements.

Joe Hope was the Project Manager and Project Engineer.

The project was put into operation in 2009.



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

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Hydra Engineering, LLC	Crawfordville, Florida	Project Manager
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER  7
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21. TITLE AND LOCATION <i>(City and State)</i>  <b>Panama City Utility Building</b> Panama City, Florida	22. YEAR COMPLETED <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">PROFESSIONAL SERVICES 2008</td> <td style="width:50%;">CONSTRUCTION (if Applicable) 2009</td> </tr> </table>	PROFESSIONAL SERVICES 2008	CONSTRUCTION (if Applicable) 2009
PROFESSIONAL SERVICES 2008	CONSTRUCTION (if Applicable) 2009		

**23. PROJECT OWNER'S INFORMATION**

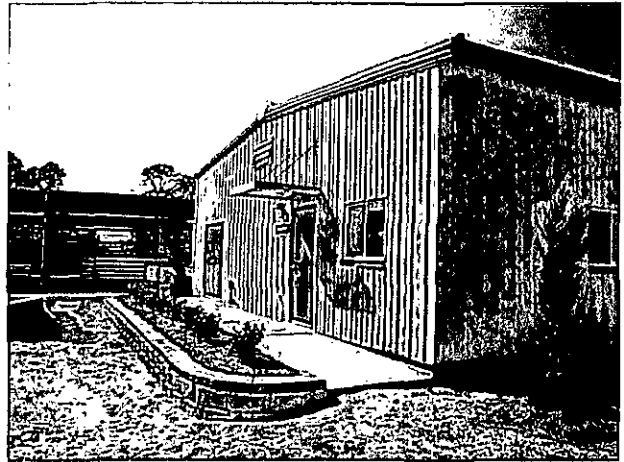
a. PROJECT OWNER City of Panama City 2001 Beck Avenue Panama City, FL 32405	b. POINT OF CONTACT NAME  Neil Fravel	c. POINT OF CONTACT TELEPHONE NUMBER  850-872-3015
--	---	--

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

This project consisted of installing a new 8,400 s.f metal building for the City's Public Works, It also included utility infrastructure and associated storm drainage improvements.

Joe Hope was the Project Manager and Leslie Hope was the Project Engineer.

The project was put into operation in 2009.



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

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Hydra Engineering, LLC	Crawfordville, Florida	Project Manager
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

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

20. EXAMPLE PROJECT KEY NUMBER  
8

21. TITLE AND LOCATION (City and State) <b>Burger King</b> Crawfordville, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2009	CONSTRUCTION (if Applicable) 2010

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Iron-Horse Development Group 419 E. Crossville Road, Suite 207 Roswell, GA 30075	b. POINT OF CONTACT NAME  Scott Lindstrom	c. POINT OF CONTACT TELEPHONE NUMBER  (770) 552-2044
--	---	--

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

Hydra was the civil engineering firm for a 3,400 s.f. Burger King Fast Food Restaurant located in Crawfordville, Florida.



The project included permitting through Wakulla County, environmental permitting through Northwest Florida Water Management District and FDOT Access and Utility Permits.

Joe Hope was the Project Manager and Project Engineer. Leslie Hope was the Stormwater Engineer.

Period of Performance (Design) – 90 Days  
Contract Amount – \$19,500



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

a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
	Hydra Engineering, LLC	Crawfordville, Florida	Civil Engineer

**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 <i>(City and State)</i>  <b>Glenwood Springs Fire Department Station #2</b> Glenwood Springs, CO	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2004	CONSTRUCTION (if Applicable) 2005

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER City of Glenwood Springs 101 West 8 <sup>th</sup> Street Glenwood Springs, CO 81601	b. POINT OF CONTACT NAME  Doug Porterfield, Architect	c. POINT OF CONTACT TELEPHONE NUMBER  970-945-4040
---	---	--

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

This project was completed by Joe Hope with another firm. Mr. Hope was the Sr. Project Manager on civil engineering portion of the project. The old city hall was located on the proposed fire station site and the project required the demolition of the existing building and parking lot, the removal of existing utilities and the development of the site plan for a zero lot line building. Onsite construction was difficult due to limited space and traffic maintenance plans had to be developed to allow use of the adjacent roadways for laydown space.

The project was put into operation in 2005.



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

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Hydra Engineering, LLC	Crawfordville, Florida	Project Manager
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 10
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21. TITLE AND LOCATION <i>(City and State)</i>  <b>Glenwood Meadows Planned Unit Development          Glenwood Springs, Colorado</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2007	CONSTRUCTION (if Applicable) 2007

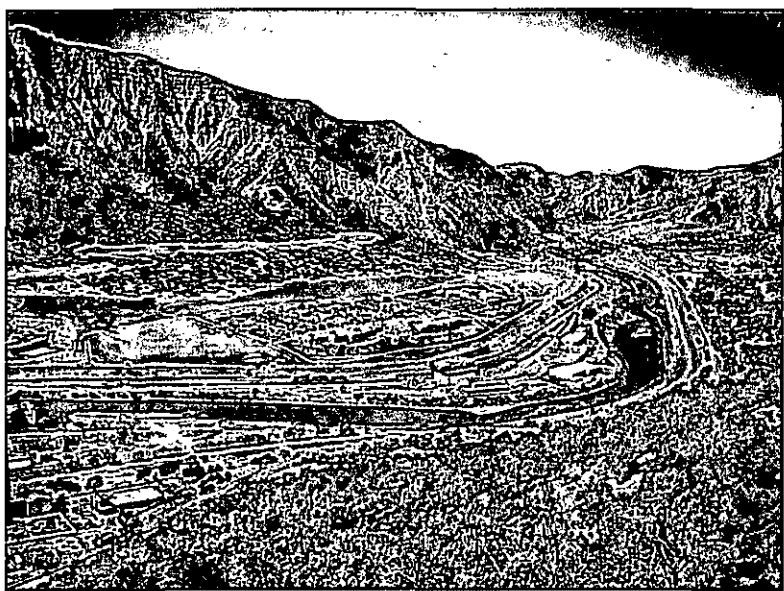
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Dunrene Management 710 E. Durant Ave. Ste W6 Aspen, CO 81611	b. POINT OF CONTACT NAME Robert McGregor	c. POINT OF CONTACT TELEPHONE NUMBER 970-925-9046

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

Leslie Hope was the Project Manager for the grading and drainage services and Vernon Hope was the Senior Project Manager for a proposed 345-acre mixed-use development. Engineering to date has consisted of master planning the grading and utilities for the development, which all consist of 300 multi-family units, 175 single-family units, 490,000 square feet of commercial retail, and 212 acres of open space. Mrs. Hope developed grading concepts to limit the impacts from a large retail platform on the adjacent developable residential parcels.

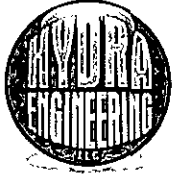
Grading concepts also include the inclusion of an 18-hole golf course and the investigation of the facility in the overall stormwater/debris flow management plan for the development.

Debris flow mitigation measures have been designed to protect the residential and commercial developments and limit the visual impacts to the Red Mountain vistas from neighboring locations.. The debris flow facilities serve multiple purposes: including stormwater detention, rock fall hazard mitigation and debris flow mitigation.



This work was performed by Leslie Hope and Vernon Hope while at High Country Engineering, Inc.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Hydra Engineering, LLC	(2) FIRM LOCATION (City and State) Crawfordville, Florida	(3) ROLE Project Manager / Project Engineer / Water Resources Engineer
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE



### **C. Willingness To Meet Schedule and Budget Requirements**

Hydra emphasizes open communication with a positive attitude to identify and provide for our clients' needs. Staying in touch with the client and its representatives throughout the project is vital to the success of our clients' projects. Hydra strives to consider its clients' resources as though they were its own.

Hydra prides itself on repeat clients. As such the only way to have a client continue to use your services is to provide your projects on time and on budget. In our opinion the primary way to ensure that project schedules are met and budgets are maintained is to have the senior staff member involved with all stages of the planning and design process.

To further verify that our projects are going as expected, Hydra has weekly scheduling meetings where the progress of each of our projects is reviewed versus the proposed schedule and budget to assure that the projects are going as expected.

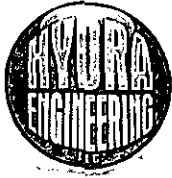
With the experience of Hydra's personnel combined with the depth and strength of Jones Edmunds, G.S. Preble Engineering, Wood & Partners and 4M Design Group, Leon County's schedule and budgets will be a priority.

### **D. Effect Of Firm's Recent, Current and Projected Workload**

1. Names and descriptions of Hydra's Current Workload:

- Wakulla Gardens Phase 1 Stormwater Improvements: Stormwater Modeling for Critical stormwater improvements; Completion date: April 2011
- Pine Glen Bridge: Bridge Hydraulics Study, Roadway Plans, Specifications; Completion Date: April 2011
- Chaires Fire Station: Site Design, Site Permitting, Environmental Permitting; Completion Date: June 2011
- Tower Road Restroom and Pavilion: Site Plan Modification, Environmental Permitting; Completion Date: April 2011
- Blankenmeyer Mini Storage: Site Planning, Site Design, Site Permitting, Environmental Permitting; Completion Date: July 2011

2. As noted above, the majority of Hydra's current projects are expected to be completed within the next couple months. Hydra's staff is currently not operating at full capacity and is prepared to absorb projects resulting from this contract. In the event that additional staff should be needed, Hydra will turn to our sub-consultants to provide additional staff to assist our Project Managers and Engineers.



## *HYDRA ENGINEERING, LLC*

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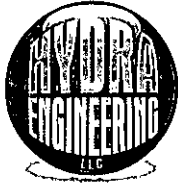
### **E. Effect Of Project Team Location**

Hydra Engineering is located in Crawfordville, Florida and is registered as a local vendor with Leon County. Due to Hydra being the team leader and locally located, this provides a quick response to attend meetings and site visits. Hydra will be the project manager on all tasks and the work will be performed in our office in Crawfordville, Florida. Since our people live and work in the area, we are very involved with the community and take personal interest in providing a product that we can be proud to say we successfully completed.

### **F. Approach To The Project**

A "scope meeting" is the first step in the approach to any specific project. At this meeting, the County and Hydra will establish the goals of the project, design and permitting criteria, schedule for deliverables and the budget of the task. The fees will be negotiated between Hydra and Leon County. The current local, state and federal applicable codes and design standards will be obtained. Hydra will have weekly internal scheduling meetings to ensure the project is on schedule and within budget. Communication is essential to a successful project and thus Hydra will keep the County's Project Manager or representative abreast of the project's progress.





*HYDRA ENGINEERING, LLC*

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**Request for Proposals for Civil Engineering Services,  
Continuing Supply**

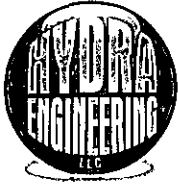
**Proposal Number BC-03-17-11-25**

**Submitted by:**

**Hydra Engineering, LLC  
36 Jasper Thomas Road  
Crawfordville, FL 32327  
(850) 926-2593 phone  
(850) 926-9257 fax**

**CATEGORY:  
PARKS AND RECREATIONAL FACILITY  
ENGINEERING**





## *HYDRA ENGINEERING, LLC*

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### **A. ABILITY OF PROFESSIONAL PERSONNEL**

1. The **Hydra Engineering** team consists of 2 Professional Engineers from Hydra and 5 Registered Landscape Architects from **Wood & Partners, Inc. (WPI)** available for the category of Parks and Recreational Facility Engineering. The number of engineers and landscape architects available allows for an expedient response to the size projects anticipated in this contract. Due to Hydra being the team leader and locally located, this also provides a quick response to attend meetings and site visits.
2. Resumes for the key professionals for this category of projects are provided in the following pages.

Joe Hope will be the project lead on all projects in this category and is the Sr. Project Engineer for the team. Mr. Hope has extensive experience in the design of local parks, athletic fields, trails, parking lots, associated drainage and utility infrastructure for sites in throughout the Southeast and specifically Florida. Mr. Hope has recently completed site investigation and design documents for 11 pedestrian bridges and over 1,000 feet of boardwalk for the National Park Service's Chattahoochee National Recreation Area. Mr. Hope was also the Project Manager for restoration of Wakulla County's Mashles Sands and Wooley Park boardwalks and fishing piers.

3. **Hydra** has teamed with **Wood & Partners, Inc.**, a registered Landscape Architecture firm, to meet the landscape design requirements and Master Plan design services of this category. Hydra has worked with WPI on several projects in the past and feels the strength of this teaming arrangement improves the final product for Leon County.



## ***Work History***

November 2008 – Current: Sr. Project Manager, Hydra Engineering LLC, Crawfordville, Florida.

Responsibilities include: Project Management of Roadway Improvement Projects, Hydrology, Hydraulic Analysis, Groundwater Analysis, Subdivision Design, DOT access design and permitting, Commercial Site Plan Design, Sanitary Sewer Design, Water System Design, Municipal Engineering, Construction Administration, Construction Engineering and Inspection, preparation of Traffic Studies and traffic counts.

November 1994 – November 2008: CEO / President - Innovative Civil Engineering, Inc., Crawfordville, FL and High Country Engineering, Inc., Glenwood Springs, Colorado.

Responsibilities include: Project Management, Hydrology, Subdivision Design, DOT roadway design, Traffic Studies, DOT access design and permitting, Commercial Site Plan Design, Hydraulic Analysis, Sanitary Sewer Design, Water System Design, Proposal Preparation, Construction Administration, Construction Engineering and Inspection

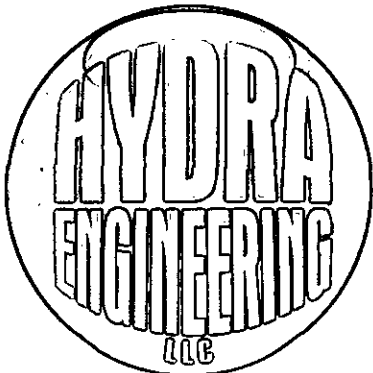
May 1991 - October 1994: Project Engineer, Genesis Group, Inc., Tampa and Tallahassee, Florida.

Responsibilities include: Project Management, Hydrology, Subdivision Design, Commercial Site Plan Design, Hydraulic Analysis, Sanitary Sewer Design, Water System Design, Traffic Studies, Signalization Design, Proposal Preparation, Construction Administration, Construction Engineering and Inspection, Computer System Administrator, CADD Manager, Expert Witness Support and Trial Preparation and Marketing

April 1990 - April 1991: Research / Teaching Assistant, University of South Florida Tampa, Florida.

July 1989 - April 1990: Sr. Engineering Technician, American Engineering Company, Brooksville, Florida.

July 1987 - July 1989: Engineering Technician, Civil Tech, Inc., Brooksville, Florida



### **Vernon « Joe » Hope II, P.E.**

**Senior Project Manager  
Hydra Engineering, LLC  
[joe@hydraengineering.com](mailto:joe@hydraengineering.com)**

Mr. Hope has been with Hydra Engineering since its inception and has been working in the civil engineering field for nearly 22 years. His area of specialty is site planning and transportation engineering.

#### ***Education***

Bachelor of Science, Civil Engineering with an emphasis on transportation design and water resources, University of South Florida, 1991

#### ***Registration***

Florida Registered Professional Engineer, #65372  
Alabama Registered Professional Engineer, #28816-E  
Colorado Registered Professional Engineer, # 30939  
South Carolina Registered Professional Engineer, #27946  
The National Council of Examiners for Engineering and Surveying, No. 23327

#### ***Additional Training***

Troxler Nuclear Density Testing Certification # 063709  
ACI Concrete Field Testing Technician Grade I, June 1994  
FDEP Qualified Stormwater Management Inspector # 20925, 2008

**36 Jasper Thomas Road  
Crawfordville, FL 32327  
850-926-2593 Office  
850-926-9257 Fax**

## Representative Project Experience

### Chattahoochee National Recreation Area, Atlanta, Georgia

Client: National Park Services Design Fee: \$59,150

Role: Project Manager, Project Engineer - Designed 11 fiberglass pedestrian bridges along with over 1,000 feet of boardwalk. Coordinated with the Atlanta Botanical Garden to prepare a native solution landscape plan for one of the parks picnic areas.

### Pine Glen Bridge Replacement, Talladega National Forest, Alabama

Client: U.S. National Forest Service Design Fee: \$64,500

Role: Project Manager, Project Engineer - Design of a new bridge and pedestrian trail over Shoal Creek in Talladega, Alabama. The proposed crossing is part of the Pinhoti National Scenic Hiking Trail so special attention has been made to make the project pedestrian friendly.

### City of Carrabelle Handicap Access Dock & Restroom, Carrabelle, Florida - Owner: City of Carrabelle Design Fee: \$3,000

Project included improvements of the existing park to include new tennis court, walking trail, children play grounds and associated off street parking. The park needed to be permitted quickly to meet requirements of the grants issued for improvements.

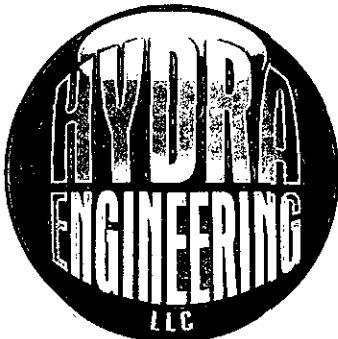
### St. Marks Boat Ramp and Parking Facility, St. Marks, Florida

Client: City of St. Marks Design Fee: \$5,000

Project included intergovernmental coordination between Wakulla County, The City of St. Marks and the Florida Wildlife Commission for the construction of two additional boat ramps next to the historic St. Marks Fort located at the confluence of the Wakulla and St. Marks Rivers. Site also included parking and vehicular movement analysis for passenger vehicle/boat trailer combinations.

### Additional Project Experience

FDOT - Tangerine Drive Sidewalk Design  
FDOT - 15<sup>th</sup> Street Sidewalk Design  
Shoal Creek Equestrian Bridges  
Rock Landing - Commercial Fishing Pier  
Hickory Park, Tennis Courts & Trails  
Mashes Sands Fishing Pier  
Wooley Park Fishing Pier



### **Vernon « Joe » Hope III, P.E.**

Senior Project Manager  
Hydra Engineering, LLC

[joz@hydracneengineering.com](mailto:joz@hydracneengineering.com)

Mr. Hope has been with Hydra Engineering since its inception and has been working in the civil engineering field for nearly 22 years. His area of specialty is site planning and transportation engineering.

#### *Education*

Bachelor of Science, Civil Engineering with an emphasis on transportation design and water management, University of South Florida, 1991

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#### *Additional Training*

Troxler Nuclear Density Testing Certification # 063709

ACI Concrete Field Testing Technician Grade I, June 1994

FDDEP Qualified Stormwater Management Inspector # 20925, 2008

36 Jasper Thomas Road  
Crawfordville, FL 32327

850-926-2593 Office

850-926-9257 Fax

## **Work History**

**March 2008 – Present:** President, Hydra Engineering, LLC, Crawfordville, Florida

Responsibilities include: Owner and Manager for firm, Hydrology Design (Using adICPR, CUHP, HEC-HMS, and SCS TR-55 computer programs), Hydraulic Analysis (using HEC-RAS, SWMM, DAMBREK, BREACH, Flowmaster, PONDPACK, and adICPR), Sanitary Sewer Design, Water System Design, Irrigation System Design, Groundwater Analysis using MODRET, Floodplain Studies, FEMA CLOMR, LOMR and LOMA submittals, Construction Management, Construction Administration and Inspection.

**October 1994 – March 2008:** Senior Vice President of Engineering, High Country Engineering, Inc. and Innovative Civil Engineering, Inc., Glenwood Springs, Colorado and Crawfordville, Florida

Responsibilities include: Managing Engineering Department for three offices, School Site Designs, Subdivision Design (using Land Design Development and AutoCadd Release 12-2007), Commercial Site Plan Design, Hydrology Design (Using adICPR, CUHP, HEC 1, HEC-HMS, and SCS TR-55 computer programs), Hydraulic Analysis (using HEC-2, HEC-RAS, SWMM, DAMBREK, BREACH, Flowmaster, PONDPACK, and adICPR), Sanitary Sewer Design, Water System Design, Wetland Design, Irrigation System Design, Road and Utility Permits, Floodplain Studies, FEMA CLOMR, LOMR and LOMA submittals, Construction Engineering and Inspection, South Beebe Draw Metropolitan (Bromley Park) District Engineer from 2000 to 2007, CDOT and FDOT Access Permits, Roadway / Highway Horizontal and Vertical Layout, Roadway Design per AASHTO and State DOT standards, preparation of Maintenance of Traffic Plans, Design of Acceleration / Deceleration Lanes and State Highway widening projects, Roadway Signage and Striping Plans.

**January 1994 - October 1994:** Civil Engineer / Water Resources Designer, JMI Engineers, Tallahassee, Florida

Responsibilities included Preparation of Bridge Hydraulics Reports utilizing FHWA's WSPRO program and HEC #18 scour studies, Hydraulic Analysis for Roadway projects, Hydrology, Roadway Design, Cost Estimates, Traffic Control Plans, Utility Coordination / Adjustments, Layout and Sizing of Storm Sewer, Hydrologic Studies involving sizing detention/retention facilities, Marketing.



**Leslie A. Hope, P.E.**  
**President**

**Hydra Engineering, LLC**  
[lahope@hydraengineering.com](mailto:lahope@hydraengineering.com)

Ms. Hope started Hydra Engineering, LLC in March of 2008 and is the sole owner of the company. She has been working in the field of Civil Engineering for nearly 20 years. Her area of specialty is water resources and flood control projects.

### **Education**

Bachelor of Science, Civil Engineering with an emphasis on water resources & environmental engineering, University of South Florida, 1993

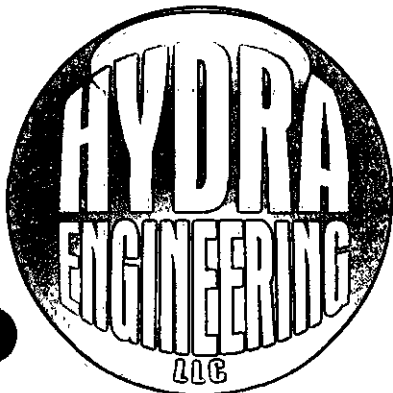
### **Registration**

Florida Registered PE No. 56452  
Georgia Registered PE No. PE03258  
Colorado Registered PE, No. 32981  
Arizona Registered PE No. 35616  
Mississippi Registered PE No. 19704  
National Council of Examiners for Engineering and Surveying, No. 17066

### **Additional Training**

Construction Quality Management for Contractors – July 2010  
Georgia Erosion & Sedimentation Certified Design Professional – Level 2, 2008  
FDEP Qualified Stormwater Management Inspector, #20918, 2008

**36 Jasper Thomas Road**  
**Crawfordville, FL 32327**  
**850-926-2593 Office**  
**850-926-9257 Fax**



## ***Representative Project Experience***

### **Mashes Sands Fishing Pier & Boardwalk, Panacea, FL**

Client: Wakulla County Parks & Recreation Design Fee: \$6,000  
Role: Project Engineer; Project included designing 674 LF of boardwalk and fishing pier along with a restroom facility.

### **Hickory Park, Crawfordville, Florida –**

Client: Wakulla County Parks & Recreation Design Fee: \$6,000  
Role: Project Manager / Project Engineer; Project included improvements of the existing park to include new tennis court, walking trail, children play grounds and associated off street parking. The park needed to be permitted quickly to meet requirements of the grants issued for improvements.

### **Shoal Creek Equestrian Bridges & Trail Improvements: Talladega National Forest, Alabama;**

Client: U.S. National Forest Service  
Design Fee: \$40,500 Role: Project Manager, Project Engineer; Design of a two new equestrian bridges, realignment of equestrian trails and design of minor stream crossings.

### **Rock Landing Boat Ramp, Fishing Pier & Parking Facility, Panacea, Florida**

Owner: Wakulla County Parks & Recreation Design Fee: \$7,000  
Role: Project Engineer / Stormwater Engineer; Project included intergovernmental coordination between Wakulla County and the Florida Wildlife Commission for a commercial / public boat ramp and fishing pier. Project included permitting through NFWFMD, Army Corps of Engineers and Florida Department of Environmental Protection.

### **Tower Road Restroom & Pavilion: Tallahassee, Florida**

Owner: Leon County Facilities Design Fee: \$12,900  
Role: Project Manager / Project Engineer; Design of a restroom facility, pavilion, associated stormwater facilities, utility infrastructure and a new access road for the existing Tower Road Park

### ***Additional Project Experience***

City of Sopchoppy Tennis Courts  
FDOT – Tangerine Drive Sidewalk Design  
FDOT – 15<sup>th</sup> Street Sidewalk Design  
Atkinson Bike Trail  
Pine Glen Bridge / Pedestrian Trail  
Wooley Park



### **Leslie A. Hope, P.E.**

**President**

**Hydra Engineering, LLC**

[lahope@hydraengineering.com](mailto:lahope@hydraengineering.com)

Ms. Hope started Hydra Engineering, LLC in March of 2008 and is the sole owner of the company. She has been working in the field of Civil Engineering for nearly 20 years. Her area of specialty is water resources and flood control projects.

### ***Education***

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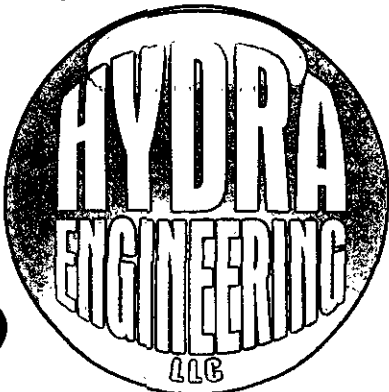
### ***Registration***

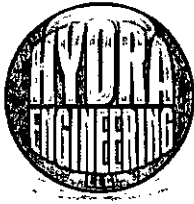
Florida Registered PE No. 56452  
Georgia Registered PE No. PE03258  
Colorado Registered PE, No. 32981  
Arizona Registered PE No. 35616  
Mississippi Registered PE No. 19704  
National Council of Examiners for Engineering and Surveying, No. 17066

### ***Additional Training***

Construction Quality Management for Contractors – July 2010  
Georgia Erosion & Sedimentation Certified Design Professional – Level 2, 2008  
FDEP Qualified Stormwater Management Inspector, #20918, 2008

**36 Jasper Thomas Road  
Crawfordville, FL 32327  
850-926-2593 Office  
850-926-9257 Fax**





**State of Florida**  
 Board of Professional Engineers  
 Hydra Engineering, LLC

IS AUTHORIZED UNDER THE PROVISIONS OF SECTION 471.02(2) FLORIDA STATUTES, TO OFFER ENGINEERING SERVICES TO THE PUBLIC THROUGH A PROFESSIONAL ENGINEER DULY LICENSED UNDER CHAPTER 471, FLORIDA STATUTES

Expiration: 28-Feb-11	Certificate of Authorization	CA No:
Audit No: 22820111031	DISPLAY AS REQUIRED BY LAW	28124

**State of Florida**  
 Board of Professional Engineers  
**Leslie Ann Hope, P.E.**

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES

EXPIRATION: 2/28/2013	P.E. LIC. NO:
AUDIT NO: 228201317145	56452

**State of Florida**  
 Board of Professional Engineers  
**Vernon Dale Hope II, P.E.**

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES

EXPIRATION: 2/28/2013	P.E. LIC. NO:
AUDIT NO: 228201315233	65372

## Licensee Details

### Licensee Information

Name: **Hydra Engineering, LLC (Primary Name)**  
(DBA Name)  
Main Address: **36 JASPER THOMAS ROAD**  
**CRAWFORDVILLE Florida 32327**  
County: **WAKULLA**  
License Mailing:

LicenseLocation:

### License Information

License Type: **Certificate of Authorization**  
Rank: **Cert of Auth**  
License Number: **28124**  
Status: **Current**  
Licensure Date: **05/28/2008**  
Expires: **02/28/2013**

**Special Qualifications      Qualification Effective**

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850.487.1395

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This certifies that  
**HYDRA ENGINEERING, LLC**  
is recognized as a  
**Minority/Women-Owned Business Enterprise**  
under the  
**City of Tallahassee and Leon County  
Consortium Interlocal Agreement**

For a period of one (1) year beginning:  
**June 4, 2010 to June 30, 2011**

  
\_\_\_\_\_  
**MBE Administrator**

  
\_\_\_\_\_  
**Certification Specialist**

CIVIL ENGINEERING  
CONSULTANT

STATE OF FLORIDA

WAKULLA COUNTY OCCUPATIONAL LICENSE

PENALTY ADDED: OCT. 1st, 10%; NOV. 1st, 15%; DEC. 1st, 20%; JAN. 1st, 25%

7162

THIS LICENSE IS FURNISHED IN PURSUANCE OF CHAPTER 205, FLORIDA  
STATUTES AND COUNTY ORDINANCE NO. 79-2

NOTE - A PENALTY IS IMPOSED FOR  
FAILURE TO KEEP THIS LICENSE EXHIBITED  
CONSPICUOUSLY AT YOUR ESTABLISHMENT  
OR PLACE OF BUSINESS.

HYDRA ENGINEERING LLC  
LESLIE HOPE  
36 JASPER THOMAS ROAD  
CRAWFORDVILLE FL  
32327

TAX COLLECTOR

	2010/2011	
10% PENALTY	COUNTY	\$ 35.00
IF NOT RENEWED BEFORE OCTOBER 1	PENALTY	\$
	AMOUNT DUE	\$ 35.00

PLEASE RETURN THIS NOTICE WITH REMITTANCE

Make Payable To: CHERYLL OLAH, TAX COLLECTOR - WAKULLA COUNTY  
2010 Mail to: P.O. BOX 280  
2011 CRAWFORDVILLE, FLORIDA 32326-0280

THIS LICENSE IS VALID ONLY IF NO OTHER LAW OR ORDINANCE IS VIOLATED, ESPECIALLY ZONING

205.471  
PUBLIC SERVICES

ORIGINAL

PAID 0243010 # 0542  
CA # 57078



State of Florida  
*Minority, Women &  
Service-Disabled Veteran*  
Business Certification

Hydra Engineering, LLC

Is certified under the provisions of  
287 and 295.187, Florida Statutes for a period from:

January 19, 2010 to January 19, 2012

Torey Alston, Executive Director

Florida Department of Management Services  
Office of Supplier Diversity

**QUALIFIED  
STORMWATER MANAGEMENT  
INSPECTOR**

The undersigned hereby acknowledges that

**Vernon D Hope, II**

has successfully met all requirements necessary to be fully certified through the Florida Department of Environmental Protection Stormwater Erosion and Sedimentation Control Inspector Training Program

*Heather Ritchie*

Heather Ritchie

*December 9, 2008*  
*Inspector Number 20925*

8 PDHs—Provider 4049

*John Abendroth*

John Abendroth

**QUALIFIED  
STORMWATER MANAGEMENT  
INSPECTOR**

The undersigned hereby acknowledges that

**Leslie Hope**

has successfully met all requirements necessary to be fully certified through the Florida Department of Environmental Protection Stormwater Erosion and Sedimentation Control Inspector Training Program

*Heather Ritchie*

Heather Ritchie

*December 9, 2008*  
*Inspector Number 20918*

8 PDHs—Provider 4049

*John Abendroth*

John Abendroth

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

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

12. NAME <b>Kristen Mansfield, LEED AP ASLA</b>	13. ROLE IN THIS CONTRACT Project Manager – Wood+Partners Inc.	14. YEARS EXPERIENCE		
		a. TOTAL:	# 7	b. WITH CURRENT FIRM # 7

15. FIRM NAME AND LOCATION *(City and State)*  
**Wood+Partners Inc.**  
**612 S. Copeland Street, Tallahassee, FL 32304**

16. EDUCATION *(DEGREE AND SPECIALIZATION)*  
**Bachelor of Landscape Architecture - Ball State University, 2004**

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
 Memberships: American Society of Landscape Architects (ASLA), SCASLA ; Florida Recreation & Park Association; Urban Land Institute, Young Leader; United States Green Building Council LEED Accredited Professional, Florida Capital Region Chapter; Sigma Lambda Alpha: Landscape Architect Honor Society. Awards: Marriott's SurfWatch – 2008 Tri-State Merit Award; West Washington Street Redevelopment & Streetscape – 2007 SCASLA Merit Award. Conferences: 2009 FRPA Agency Summit; 2007 FRPA Southern Region; 2006 PSMJ Project Management Bootcamp; 2003 ASLA Annual Meeting and Expo.

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	<b>Historic 4<sup>th</sup> Ward Park Atlanta, GA</b>	On-going	CONSTRUCTION (If Applicable) On-going
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE A new urban park located within the Historic 4th Ward Neighborhood of Atlanta, GA will be one of the first redevelopment projects undertaken by the Atlanta Beltline Incorporated. Sustainable design principles are implemented through the incorporation of photovoltaic solar arrays to adhere to a net-zero energy usage policy, along with stormwater reuse for irrigation, use of recycled materials and establishment of urban forest and native meadow areas.		[X] Check if project performed with current firm
b.	<b>Port St. Joe Sports Regional Sports Complex Port S. Joe, Florida</b>	2009-2010	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE WPI worked with the City of Port St. Joe on a master plan for their 60 acre Regional Sports Complex featuring nine ball fields and support facilities. The ball fields accommodate Little League Baseball, T-ball and girls softball programs. Also planned is a multi-use field that accommodates both football and soccer and can serve as festival space during tournaments. Other facilities include batting cages, a playground, picnic shelters and walking trails and boardwalks through on-site wetlands. The program elements were derived from public input via the recreation needs assessment that WPI conducted with the City in conjunction with planning efforts for the Sports Complex.		[X] Check if project performed with current firm
c.	<b>Tallahassee Trails Tallahassee, FL</b>	2008	2009
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The Tallahassee Trails project was a conceptual planning exercise for a representative trailhead design to be located along various trails within the City of Tallahassee, Florida. Two typical trailheads, one large and one small, were planned to initially be located at Tom Brown Park and Meridian Park within the City of Tallahassee, with the intent to utilize the final design at various trails within the overall parks system. WPI worked with the Parks and Recreation Department to establish an overall character and "branding" of the trailheads as well as prepared limited construction details for the built environment to be applied to future site specific trailhead designs that included shade structures and kiosks, pedestrian circulation, site furnishings, and conceptual landscape enhancement.		[ X ] Check if project performed with current firm
d.	<b>621 TLH Sculpture Garden Tallahassee, FL</b>	2008	2009
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The project's landscape design incorporates preservation of existing plants and installation of native species that promote wildlife habitat. The garden also promotes design innovation by showcasing sustainable building products. The improved sculpture garden integrates visual art into an urban garden and when completed, will create a unique cultural asset within Tallahassee's urban landscape.		[X] Check if project performed with current firm
e.	<b>Town of SaltAire Master Plan and Waterfront Development Mobile, AL</b>	2007-2009	2009
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE WPI provided master planning for a 500 acre residential resort community located near Mobile Bay. The master plan develops a network of distinct neighborhoods, parks and community amenities that are carefully integrated with preserved woodland, natural waterways and spectacular view of Mobile Bay.		[X] Check if project performed with current firm

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

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

12. NAME <b>J. David Malcolm, ASLA</b>	13. ROLE IN THIS CONTRACT Principal	14. YEARS EXPERIENCE			
		a. TOTAL:	# 16	b. WITH CURRENT FIRM	# 11

15. FIRM NAME AND LOCATION *(City and State)*  
 Wood+Partners Inc.  
 612 S. Copeland Street, Tallahassee, FL 32304

16. EDUCATION *(DEGREE AND SPECIALIZATION)*  
 Bachelor of Landscape Architecture – Virginia Tech 1995

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*  
 Florida #6666821

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
 American Society of Landscape Architects (ASLA), SCASLA Executive Committee 2001-2005; FLASLA Executive Committee Member 2010-2011; Chairman, Member of the Urban Design Commission (COT); Chairman and Board Member of Keep Tallahassee / Leon County Beautiful; Member Florida Recreation & Park Association. Presented educational sessions at SCRPA/NCRPA, FRPA & GRPA regional recreation conferences. Awards – West Washington Street Redevelopment – 2007 SCASLA Merit Award; Lake Oconee Village Design Guidelines – 2005 SCASLA Honor Award for Planning; Coastal Discovery Museum at Honey Horn – 2001 SCASLA Honor Award for Design; Savannah Harbor Resort – 2001 SCASLA Merit Award for Planning.

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	<b>Tanyard Creek Park &amp; Nature Center Master Plan Quincy, FL</b>	On-going	On-going
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The Community Redevelopment Agency for the City of Quincy, FL approved the master plan for the Tanyard Creek Park, prepared by Wood + Partners, Inc. This master plan is being used to secure funding through a grant from the Florida Recreation Development Assistance Program. Additionally, the bid documents will be used to apply for Neighborhood Revitalization funding through the Community Redevelopment Block Grant. The 35-acre park site sits adjacent to the Tanyard Creek Greenway and is also within the geographic center of town. The phased plan will bring much needed family sized pavilions, meadow open spaces and walking paths. Later phases will include a nature center, planted grove, "boundless" playground, a sports court, walking trails, a large grassy open space, meadow and amphitheater. A restored wetland with new storm water features will provide needed storm water management on the site as well.		
b.	<b>Tallahassee Trails Tallahassee, FL</b>	2008	2009
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The Tallahassee Trails project was a conceptual planning exercise for a representative trailhead design to be located along various trails within the City of Tallahassee, Florida. Two typical trailheads, one large and one small, were planned to initially be located at Tom Brown Park and Meridian Park within the City of Tallahassee, with the intent to utilize the final design at various trails within the overall parks system. WPI worked with the Parks and Recreation Department to establish an overall character and "branding" of the trailheads as well as prepared limited construction details for the built environment to be applied to future site specific trailhead designs that included shade structures and kiosks, pedestrian circulation, site furnishings, and conceptual landscape enhancement.		
c.	<b>Historic 4<sup>th</sup> Ward Park Atlanta, GA</b>	On-going	On-going
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE A new urban park located within the Historic 4th Ward Neighborhood of Atlanta, GA will be one of the first redevelopment projects undertaken by the Atlanta Beltline Incorporated. Sustainable design principles are implemented through the incorporation of photovoltaic solar arrays to adhere to a net-zero energy usage policy, along with stormwater reuse for irrigation, use of recycled materials and establishment of urban forest and native meadow areas.		
d.	<b>Port St. Joe Sports Regional Sports Complex</b>	2009-2010	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE WPI worked with the City of Port St. Joe on a master plan for their 60 acre Regional Sports Complex featuring nine ball fields and support facilities. The ball fields accommodate Little League Baseball, T-ball and girls softball programs. Also planned is a multi-use field that accommodates both football and soccer and can serve as festival space during tournaments. Other facilities include batting cages, a playground, picnic shelters and walking trails and boardwalks through on-site wetlands. The program elements were derived from public input via the recreation needs assessment that WPI conducted with the City in conjunction with planning efforts for the Sports Complex.		
e.	<b>Heritage Park Simpsonville, SC</b>	2005-2007	2007
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Heritage Park is a 90-acre regional recreation complex with a linked trail system connecting park facilities. Phase One facilities include a 6-field baseball complex with training facilities, a custom designed playground and community gathering space, a community building with arcade, a soccer field, miniature train, flexible-use meadow, numerous picnic shelters. Awards: President's Award for Design - South Carolina ASLA 2005; Merit Award AIA Greenville Section - 2007		

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

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

12. NAME <b>Kyle Theodore, ASLA</b>	13. ROLE IN THIS CONTRACT Principal – Wood+Partners Inc.	14. YEARS EXPERIENCE		
		a. TOTAL:	# 28	b. WITH CURRENT FIRM

15. FIRM NAME AND LOCATION *(City and State)*  
Wood+Partners Inc.  
612 S. Copeland Street, Tallahassee, FL 32304

16. EDUCATION *(DEGREE AND SPECIALIZATION)*  
**Bachelor of Landscape Architecture**  
**Iowa State University, 1983**

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*  
South Carolina #566

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
Memberships: American Society of Landscape Architects (ASLA), SCALA, Founding Member/Chairperson/Board of Directors, Lowcountry ReLeaf, 1989-1992; Founding Member/Board of Directors, SC Urban and Community Forestry Council; South Carolina Recreation & Park Association; Georgia Recreation & Park Association; Florida Recreation & Park Association; Board Member, Hilton Head Island Recreation Association. Awards: Heritage Park – 2007 Merit Award, AIA Greenville Section; Port of Port Royal Land Use Plan – 2007 SCASLA Honor Award; Heritage Park – 2006 Achievement Award by Municipal Association of SC; Heritage Park – 2005 SCASLA President's Award for Design; Coastal Discovery Museum, Hilton Head Island, SC – 2001 SCASLA Honor Award

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	<b>Bluffton Oyster Factory Master Plan</b> <b>Bluffton, SC</b>	On-going	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE This Master Plan Project included planning and community consensus building services for a new park on the 8-acre site of the historic Bluffton Oyster Factory. Located on the May River, the park establishes linkage to the river providing passive water-related recreation opportunities and a site for Bluffton's festivals and special events. The master plan includes picnic areas and shelters, a boat ramp, parking, trails, playground and river views.		
b.	<b>Buckwalter Master Plan</b> <b>Bluffton, SC</b>	On-going	On-going
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Buckwalter Community Park is a 140-acre regional park with extensive youth athletic facilities. This new park will include a six-field soccer complex, a three-field baseball complex, 25,000-square-foot community center, 50-meter competition swimming pool, 13-court tennis center, skate park & roller hockey pavilion, open meadows for free play, walking trails, numerous pavilions & picnic shelters, and other passive use facilities. The park was designed to provide active and passive recreation opportunities for the entire family, and includes facilities for special events and festivals.		
c.	<b>Camp St. Mary's Master Plan</b> <b>Beaufort, SC</b>	2002	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Camp St. Mary's is a passive-use park located on a historic, secluded site overlooking the Okatie River midway between Beaufort and Hilton Head Island. The park will offer picnic shelters, playground and walking trails throughout woodland areas along the riverfront. The master plan includes a new swimming pool and an education center/meeting facility in a refurbished lodge. A historic chapel will be retained as the centerpiece of the park.		
d.	<b>Conway RiverWalk &amp; Waterfront Park Project</b> <b>Conway, SC</b>	2005	2006
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The Conway Riverwalk & Waterfront Park Project included planning and urban design services for a historic river front redevelopment district. The plan re-establishes linkages of the City's central business district to the Waccamaw River. The project includes a waterfront park and festival area, both on land and over water riverwalk facilities, pavilions, transient boat docks, a new marina store and boat ramp, streetscaping and sidewalk development. Award: 2001 Honor Award for Design, Tri-State Chapters ASLA		
e.	<b>Honey Horn Plantation Master Plan</b> <b>Hilton Head Island, SC</b>	2000	On-going
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The Coastal Discovery Museum of Hilton Head Island has the rare opportunity to relocate to a mid 1800s farm and plantation. The museum commissioned WPI to develop a master plan for the Honey Horn site that would preserve and provide public access to the last significant parcel of rural property remaining on the Island. Phase I development included restoration of the main house to create a new discovery center, construction of numerous boardwalks and docks, interpretive signage, and creation of a new outdoor gathering space. Award: 2001- Honor Award for Planning by South Carolina Chapter ASLA		

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

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

12. NAME <b>Mark L. Baker ASLA</b>	13. ROLE IN THIS CONTRACT Partner – Wood+Partners Inc.	14. YEARS EXPERIENCE		
		a. TOTAL:	# 34	b. WITH CURRENT FIRM # 13

15. FIRM NAME AND LOCATION *(City and State)*  
 Wood+Partners Inc.  
 7 Lafayette Place, Hilton Head Island, SC 29926

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> <b>Bachelor of Landscape Architecture</b> <b>School of Environmental Design</b> <b>University of Georgia - 1977</b>	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Florida #6666776      Georgia #1121 North Carolina #805      South Carolina #276
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
 American Society of Landscape Architects (ASLA); University of Georgia School of Environmental Design Alumni Steering Committee; Council of Landscape Architects Registration Board; SC Landscape Architect Advisory Council; Chair – Environment, Parks & Recreation Subcommittee – Hilton Head Island Greater Island Committee; National Recreation & Park Association; SC, FL, GA & SC Recreation & Park Associations; American Planning Association; Urban Land Institute; Awards – Heritage Park, Jones Bridge Park Riverwalk, Orangeburg Streetscape, Conway Riverwalk, Coastal Discovery Museum at Honey Horn

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	<b>Mitchelville Freedom Park</b> <b>Hilton Head Island, SC</b>	On-going	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The Mitchelville Project Committee engaged Wood+Partners Inc. to assist with the development of a Conceptual Master Plan, Space Needs Assessment, Summary of Development Costs and associated Consultants Costs and a Critical Path/Project Schedule for the Mitchelville Freedom Park Project. The Master Plan created for Mitchellville Freedom Park conceptually illustrates a park that will become the educational and interpretative site of the historic Town of Mitchellville. These elements will include a period garden, a small amphitheater/outdoor classroom and open air pavilion, a heritage trail comprised of shell/sand paths and streets, archaeological excavation sites, additional historic interpretation and heritage features.		
b.	<b>Conway Riverwalk &amp; Waterfront Park</b> <b>Conway, SC</b>	2005	2006
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The Conway Riverwalk & Waterfront Park Project included planning and urban design services for a historic river front redevelopment district. The plan re-establishes linkages of the City's central business district to the Waccamaw River. The project includes a waterfront park and festival area, both on land and over water riverwalk facilities, pavilions, transient boat docks, a new marina store and boat ramp, streetscaping and sidewalk development. Award: 2001 Honor Award for Design, Tri-State Chapters ASLA		
c.	<b>Bluffton Oyster Factory Master Plan</b> <b>Bluffton, SC</b>	2007	2009
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE This Master Plan Project included planning and community consensus building services for a new park on the 8-acre site of the historic Bluffton Oyster Factory. Located on the May River, the park establishes linkage to the river providing passive water-related recreation opportunities and a site for Bluffton's festivals and special events. The master plan includes picnic areas and shelters, a boat ramp, parking, trails, playground and river views.		
d.	<b>Jones Bridge Park Riverwalk</b> <b>Gwinnett County, Georgia</b>	2002	2003
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The Riverwalk at Jones Bridge Park provides much needed public access to the shoals of the Chattahoochee River in the North Atlanta/Gwinnett County Region. This project includes design and engineering for extensive riverbank restoration and shoreline stabilization, access walks to popular river shoals area, reforestation as well as ADA accessibility, extensive passive use picnic areas, seating and hiking facilities. The children's playground and covered picnic shelter are family-oriented amenities. Award: 2005 Merit Award for Design by SCASLA		
e.	<b>Savannah Park Master Plan</b> <b>Savannah, GA</b>	2000	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Savannah holds the distinction of being the first planned city in North America. The city provides its residents with an elegant historic setting and a rich framework of city parks, squares and gardens. WPi was commissioned to prepare a city-wide recreation master plan to assess current and future parks and recreation programming needs. The master plan included public workshops, a public opinion survey, and consensus building.		



STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF LANDSCAPE ARCHITECTURE
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783

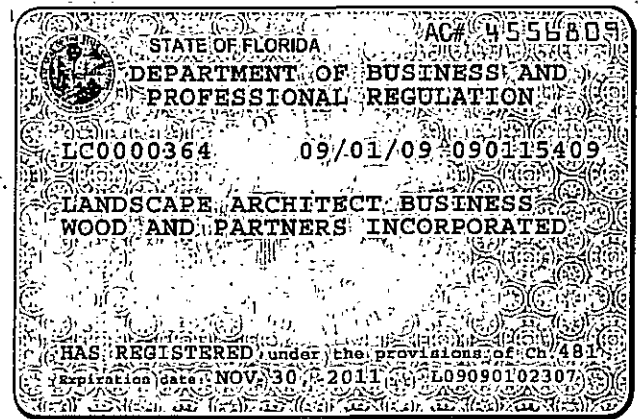
(850) 487-1395

WOOD AND PARTNERS INCORPORATED
P.O. BOX 23949
HILTON HEAD ISLAND SC 29925

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers.



DETACH HERE

AC# 4556809 STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION BOARD OF LANDSCAPE ARCHITECTURE SEQ# 109090102307
DATE: 09/01/2009 BATCHNUMBER: 090115409 LICENSE NBR: LC0000364
The LANDSCAPE ARCHITECT BUSINESS Named below HAS REGISTERED Under the provisions of Chapter 481 FS. Expiration date: NOV 30, 2011
WOOD AND PARTNERS INCORPORATED P.O. BOX 23949 HILTON HEAD ISLAND SC 29925
CHARLIE CRIST GOVERNOR CHARLES W. DRAGO SECRETARY DISPLAY AS REQUIRED BY LAW





WOOD AND PARTNERS, INC  
TALLAHASSEE OFFICE ACCOUNT  
P O BOX 23949  
HILTON HEAD SC 299253949

The Business Tax Certificate for tax year 2011 is attached below.

This certificate expires September 30th, 2011.

Please detach and display in a prominent place at the business location.

To cancel a business account with the City of Tallahassee, please return this certificate with letter identifying the final day of business.

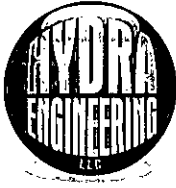
To transfer ownership or location, please follow the instructions on the reverse side of the tax certificate.

Each April the "Declaration of Information Form" is mailed to all non-professional, commercial locations. This Declaration must be completed and returned prior to June 15th. Failure to accurately complete the Declaration of Information can result in a 25% tax increase.

For information concerning the Business Tax, please visit [Talgov.com](http://Talgov.com) or call the Revenue Division at (850) 891-6488.

Thank you for your Payment

2010-11	<b>CITY OF TALLAHASSEE BUSINESS TAX CERTIFICATE</b>	2010-11
	<b>LOCAL BUSINESS TAX RECEIPT</b>	
<b>TAX CERTIFICATE EXPIRES SEPTEMBER 30, 2011</b>		
<b>DBA:</b> WOOD AND PARTNERS, INC	<b>Account Number:</b>	63358
<b>Location:</b> 612 S COPELAND ST		
<b>Address:</b> TALLAHASSEE FL 32304		
<b>Type Code:</b>	<b>Sub Code:</b>	<b>Type Description:</b>
675	a	Professional Office
<b>WOOD AND PARTNERS, INC</b>		
<b>TALLAHASSEE OFFICE ACCOUNT</b>		
<p>The firm, corporation, organization, business or individual whose name appears herein has paid a business tax for the business activities indicated above, subject to city, state and federal laws. This certificate must be conspicuously displayed at the location of the business activity. A change of location from the stated business location on this certificate as well as a change in ownership requires a transfer. (See reverse side.)</p>		



## **B. EXPERIENCE WITH PROJECTS OF SIMILAR TYPE AND SIZE**

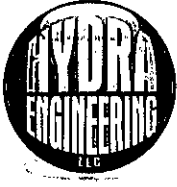
1. Ten (10) projects are provided on the following pages that illustrate the experience of our firm and our staff with similar projects. All of the projects provided were completed by Hydra Engineering, LLC or Wood & Partners, Inc.'s staff and the personnel that would be utilized to perform the work under this contract.
2. Hydra is currently working on three (3) projects that are similar in nature and size as the projects proposed in this contract. They are as follows:
  - A. **Tower Road Restroom and Pavilion** – This project consisted of installing a restroom facility, covered picnic area, handicap parking spaces, extension of water to the building, installation of a septic system, design of associated stormwater facilities and design of an access road. The proposed project was configured after Leon County's Master Plan for the site.
  - B. **Chattahoochee National Recreation Area** – A historic flood occurred on the Chattahoochee River in 2009, damaging several bridges and boardwalks while the retreating flood water left several feet of silt on landscape areas. Hydra designed 11 fiberglass pedestrian bridges along with over 1,000 feet of boardwalk. Hydra worked with the Atlanta Botanical Garden to prepare a native solution landscape plan for one of the parks picnic areas. This project started construction in March 2011.
  - C. **Pine Glen Bridge** – Hydra is currently designing a new bridge and pedestrian trail over Shoal Creek in Talladega, Alabama. The proposed crossing is part of the Pinhoti National Scenic Hiking Trail so special attention has been made to make the project pedestrian friendly.

### 3. Code Compliance:

At the beginning of each task, Hydra will meet with Leon County staff to understand the scope of work and ensure the relevant codes and regulatory processes are followed. Prior to commencing the project, current local, state and federal applicable codes and design standards will be obtained to ensure accuracy in the planning and design processes.

### 4. Basic and Special Resources available to the firm:

Hydra is not only committed to staffing the firm with the finest professionals available, we also have an on-going commitment to provide that staff with state-of-the-art equipment to assure its position at the forefront of civil engineering techniques in the region, including the incorporation of the latest CAD software.



## *HYDRA ENGINEERING, LLC*

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Specialty software:

- AutoCAD Civil 3D Land Development Desktop 2010
- AutoTurn by Transoft Solutions
- Microsoft Office 2010: Word, Excel, Access, PowerPoint, Publisher
- Adobe Acrobat 9

**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)

22. YEAR COMPLETED

**Tower Road Restroom and Pavilion**  
**Tallahassee, Florida**

PROFESSIONAL SERVICES

CONSTRUCTION (if Applicable)

2008

2009

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

Leon County Facilities  
 1907 South Monroe St.  
 Tallahassee, FL 32301

b. POINT OF CONTACT NAME

John Ward / Jeff Williams

c. POINT OF CONTACT TELEPHONE NUMBER

850-606-5022

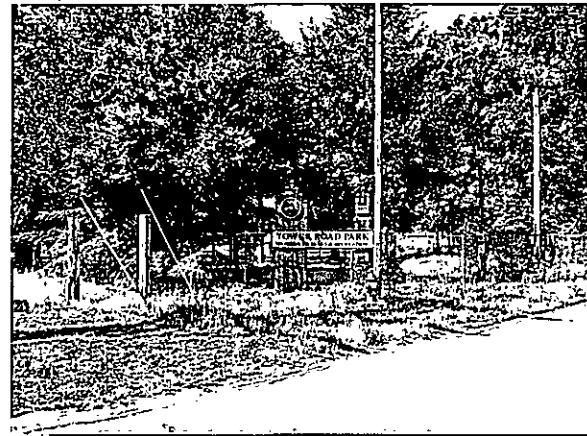
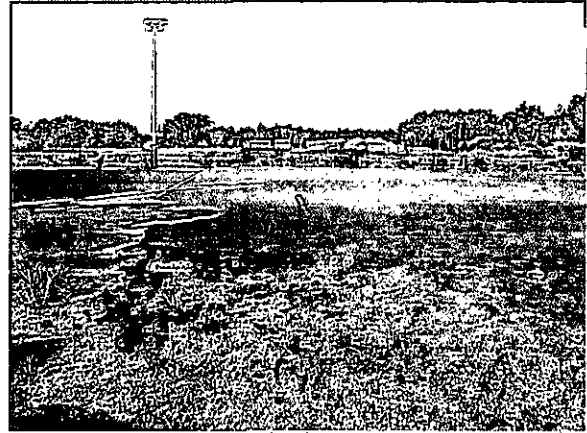
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Hydra Engineering was the lead engineer on this project and was responsible for site planning, permitting, bid document preparation and construction observation.

The project consisted of installing a restroom facility, pavillion, associated stormwater facilities, utility infrastructure and a new access road for the existing Tower Road Park.

The park had a large offsite basin that required stormwater analysis and routing around the existing park and proposed facilities. The park is located within a closed basin and the stormwater facilities were designed to provide water quality treatment as well as volume control up to the 100 year - 24 hour storm event.

Leslie Hope was the Project Manager and Project Engineer for the civil engineering of the improvements.



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

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Hydra Engineering, LLC	Crawfordville, Florida	Project Manager / Project Engineer / Water Resources Engineer
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

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

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

20. EXAMPLE PROJECT KEY NUMBER

2

21. TITLE AND LOCATION (City and State) <b>Hickory Park Crawfordville, Florida</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2008	CONSTRUCTION (if Applicable) 2009

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Wakulla County Parks & Recreation 79 Recreation Drive Crawfordville, FL 32327	b. POINT OF CONTACT NAME Ray Gray	c. POINT OF CONTACT TELEPHONE NUMBER 850-926-7227
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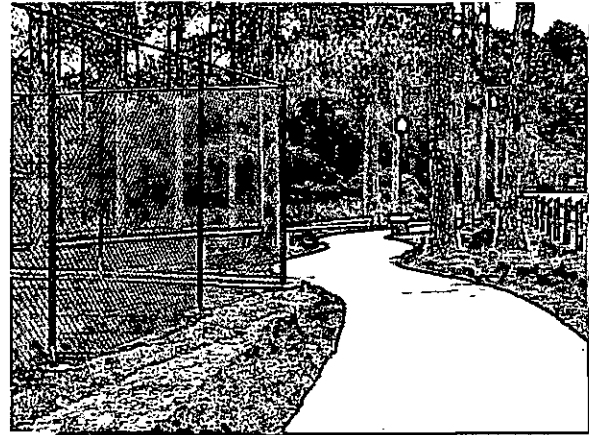
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT  
*(Include scope, size, and cost)*

Hydra Engineering was the design firm responsible planning the new park layout, tennis courts, playground equipment, asphalt jogging trail and restroom facility.

The project was constructed under the authority of the Wakulla County Parks and Recreation Department. The project included a single tennis court with associated retaining wall due to site slope, both toddler and junior playground areas with new equipment, 8' wide asphalt jogging trail and a new concrete block bathroom facility which also acted as a cover for the onsite lift station to control odor for the surrounding homes.

The project was permitted through the Northwest Florida Water Management District and Wakulla County. The project went into operation on October 1<sup>st</sup> 2009.

Leslie Hope was the Project Manager and Project Engineer for Hickory Park Improvements.



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

a.	(1) FIRM NAME Hydra Engineering, LLC	(2) FIRM LOCATION (City and State) Crawfordville, Florida	(3) ROLE Project Manager, Civil Engineer
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

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

20. EXAMPLE PROJECT KEY NUMBER  
 3

21. TITLE AND LOCATION *(City and State)*

**CHAT- Flood Repairs**  
 Chattahoochee National Recreation Area

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
 2010 & 2011

CONSTRUCTION (if Applicable)  
 2011

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

National Park Service  
 1924 Building, 5<sup>th</sup> Floor  
 100 Alabama Street, SW  
 Atlanta, GA 30303

b. POINT OF CONTACT NAME

Laurie Chestnut

c. POINT OF CONTACT TELEPHONE NUMBER

404-507-5745

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



Hydra Engineering was contracted to design and construct 11 fiberglass pedestrian bridges located throughout the Chattahoochee National Recreation Area. The majority of these bridges were damaged by a historic flood on the Chattahoochee River in 2009 and need to be replaced to facilitate use of the park. Several of the bridges were completely destroyed by the flood. The project also included the design and reconstruction of over 1000 feet of wood boardwalk that was also damaged by the flood.

The flooding also caused extreme erosion at one boat ramp and slope stabilization was required to prevent

possible damage to the boat ramp. Landscape areas in several parking areas were graded to remove silt left by the retreating flood waters and a landscape plan was developed. A large picnic area was also regraded to remove silt and mulch was added to make the area for user friendly.

Joe Hope was the Project Manager and Project Engineer. Leslie Hope was the Quality Control Manager and Contract Coordinator



Period of Performance (Design & Construction) – 210 Days  
 Design Build Contract Amount - \$704,025.33

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

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Hydra Engineering, LLC	Crawfordville, Florida	Project Manager, Design Firm, General Contractor
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

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

20. EXAMPLE PROJECT KEY NUMBER

4

21. TITLE AND LOCATION (City and State)

22. YEAR COMPLETED

**Shoal Creek Equestrian Bridges**  
 Shoal Creek Ranger District – Talladega National Forest

PROFESSIONAL SERVICES  
 2010

CONSTRUCTION (if Applicable)  
 2010

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

USDA-Forest Service  
 1720 Peachtree Road NW  
 Atlanta, GA 30309

b. POINT OF CONTACT NAME

Christy Smith

c. POINT OF CONTACT TELEPHONE NUMBER

404-347-0308

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



Hydra Engineering is the design firm and contractor for the Equestrian Bridges located in the Talladega National Forest in Alabama.

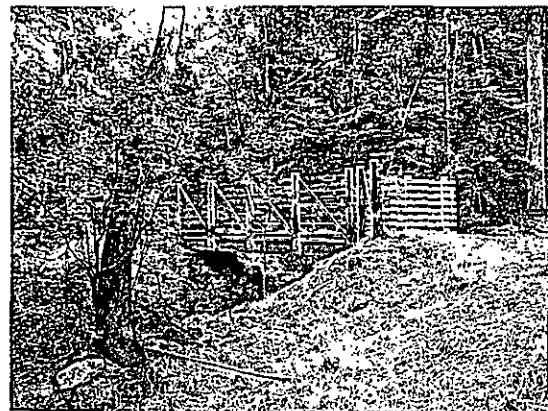
The project includes the construction of a two single span wood equestrian bridges and associated approaches. The bridges have spans of 28' and 20' and have been placed to have no impact on wetlands or waters of the United States.

The project is funded through the American Reinvestment and Recovery Act. Hydra prepared all the reporting as required by the ARRA.

The longer of the two bridges has been designed using a glue laminate beam and the shorter one utilizes dimensional lumber for the beam. The bridges have been designed to carry 5 tons allowing the bridges to also be utilized for emergency recovery equipment if the need should arise.

The project was completed in July of 2010. Joe Hope was the Project Manager and Leslie Hope was the Project Engineer on Shoal Creek Equestrian Bridges.

**Period of Performance (Construction) – 90 Days**  
**Design Build Contract Amount – \$99,000.00**  
**Contract Modifications (Client Initiated) - \$70,000.00**



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

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Hydra Engineering, LLC	Crawfordville, Florida	Project Manager, Design Firm, General Contractor
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

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

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

20. EXAMPLE PROJECT KEY NUMBER

5

21. TITLE AND LOCATION (City and State)

22. YEAR COMPLETED

**Mashes Sands Park Fishing Pier  
Panacea, Florida**

PROFESSIONAL SERVICES

CONSTRUCTION (if Applicable)

2008

2009

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

Wakulla County Parks & Recreation  
79 Recreation Drive  
Crawfordville, FL 32327

b. POINT OF CONTACT NAME

Ray Gray

c. POINT OF CONTACT TELEPHONE NUMBER

850-926-7227

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

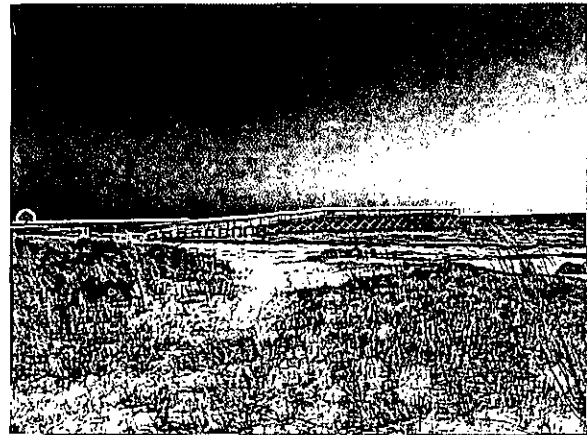
Joe Hope with Hydra Engineering was the lead engineer on this project and was responsible for site planning, permitting, bid document preparation and construction observation.

The project included the construction of 674 LF of 10' elevated wood boardwalk, and a new restroom facility. The project is funded by FEMA funds due to the destruction of the existing restroom facility and damage to the existing fishing pier by Hurricane Dennis.

The new boardwalk was sited to minimize impact to both wetlands and Waters of the United States. The existing pier was utilized to the greatest possible extent to minimize cost on the project.

The proposed bathroom facility was sited at the same location as the previous facility to utilize existing utilities and minimize construction cost.

The project is currently under construction.



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

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Hydra Engineering, LLC	Crawfordville, Florida	Project Manager / Project Engineer / Water Resources Engineer
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE



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

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

20. EXAMPLE PROJECT KEY NUMBER

6

21. TITLE AND LOCATION (City and State)

22. YEAR COMPLETED

**City of Carrabelle Handicap Access Dock**  
Carrabelle, Florida

PROFESSIONAL SERVICES

CONSTRUCTION (if Applicable)

2008

2009

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

City of Carrabelle  
1001 Gray Avenue  
Carrabelle, FL 32322

b. POINT OF CONTACT NAME

Lee Norris with ECT

c. POINT OF CONTACT TELEPHONE NUMBER

850-671-7299

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



Hydra Engineering, LLC was hired by Environmental Consulting Technologies, Inc to design and prepare permit documents for a new 45' long fixed boat access dock and 30' long Handicap Access floating dock at the new Southeast boat ramp facility. Hydra also oversaw the development of the permit documents for the restroom facility at the same location. Joe Hope was the Project Manager and Project Engineer on the site.

The fixed dock was designed approximately 1' above Mean High Water to allow easy boat access. The floating dock was designed to allow easy access for Handicap while still maintaining the required slopes and clear areas. The project is currently under construction.



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

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Hydra Engineering, LLC	Crawfordville, Florida	Project Engineer
	(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

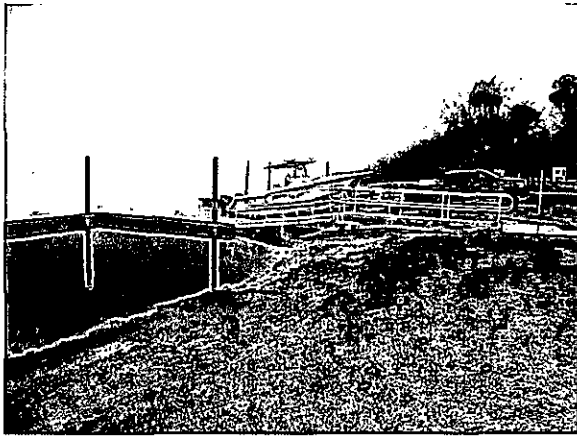
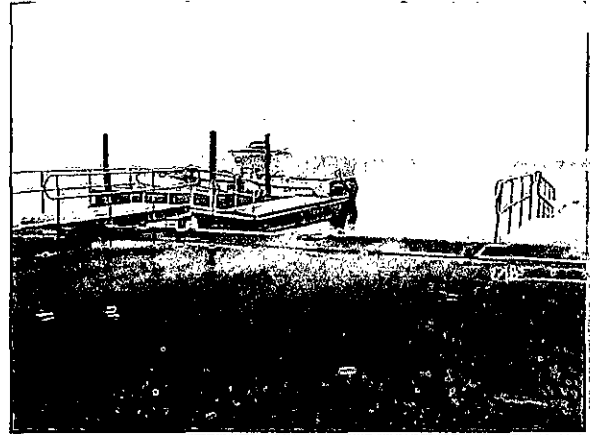
21. TITLE AND LOCATION <i>(City and State)</i> <b>St. Marks Boat Ramp and Parking St. Marks, Florida</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2008	CONSTRUCTION (if Applicable) 2008

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER City of St. Marks P.O. Box 296, 788 Port Leon Dr. St. Marks, FL 32355	b. POINT OF CONTACT NAME Zoe Mansfield	c. POINT OF CONTACT TELEPHONE NUMBER 850-925-6224
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Joe Hope with Hydra Engineering was the Project Manager and Design Engineer responsible for overseeing the installation of the double boat ramp, bathroom facility and associated boat trailer parking. The project was funded by a Florida Boater Improvement Plan grant that is overseen by the Florida Wildlife Commission. The project was constructed under the authority of a joint agreement between Wakulla County and the City of St. Marks. Thus Hydra was responsible for coordination of the project with all governmental agencies. The project included the construction of a new 30' wide by 54' long boat ramp, two (2) 64' long access docks, 100 LF of floating dock, 46 boat trailer parking spaces and a concrete block restroom facility.



The parking facility was modeled using AutoTurn to verify compatibility with typical trucks and boat trailers for the area. The boat ramp was completed as a single push slab. This minimizes opportunities for corrosion due to construction joints. The project went into operation on July 1<sup>st</sup> 2008.

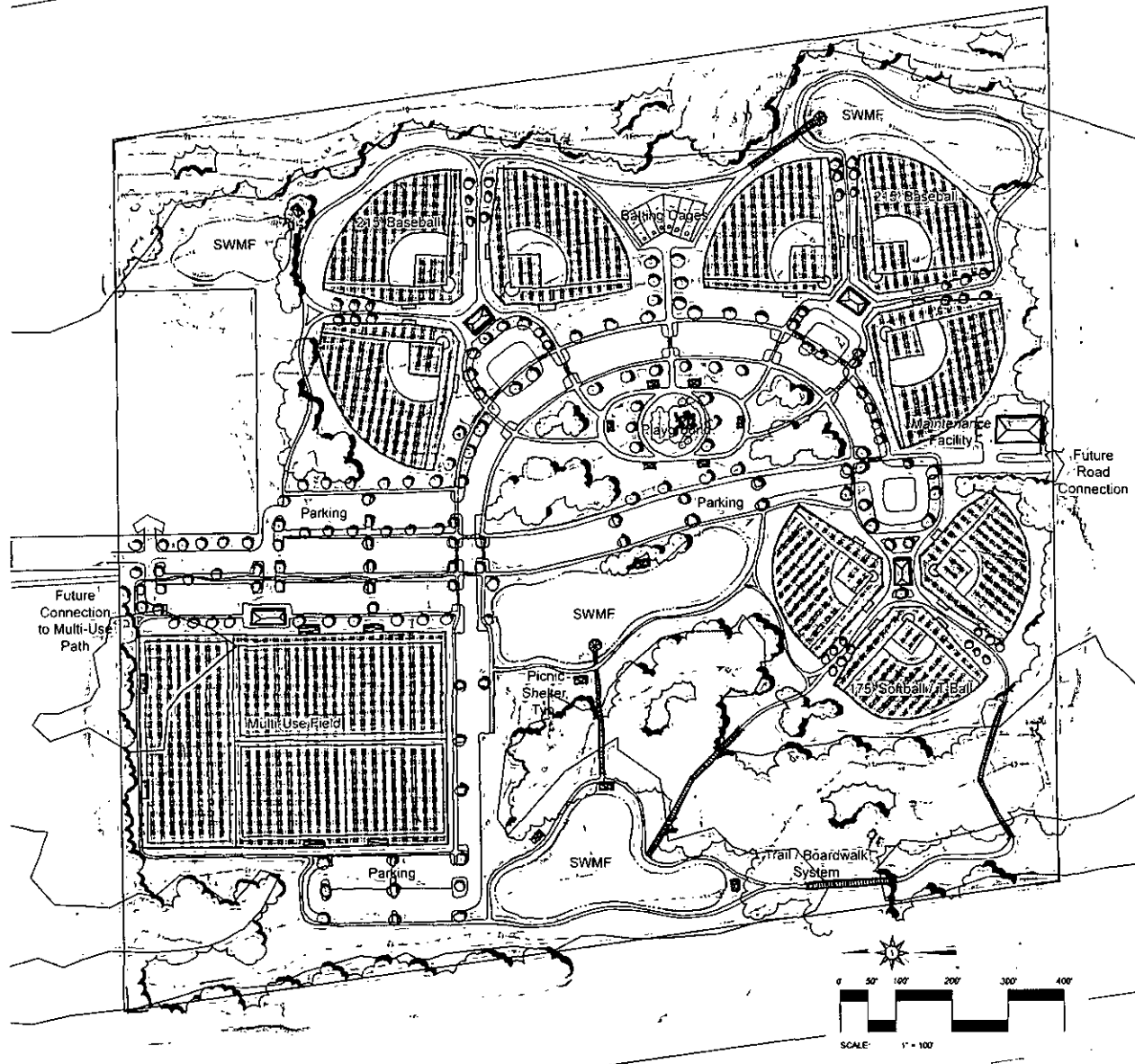
**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME Hydra Engineering, LLC	(2) FIRM LOCATION <i>(City and State)</i> Crawfordville, Florida	(3) ROLE Project Manager
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# Port St. Joe, Florida 60 Ac. Regional Sports Complex

WPI

LEADING WITH EXPERIENCE + PLANNING FOR SUCCESS



WPI is working with the City of Port St. Joe on a master plan for their 60 ac. Regional Sports Complex featuring nine ball fields and support facilities. The ball fields accommodate Little League Baseball, T-Ball and girls softball programs.

Also planned is a multi-use field that accommodates both football and soccer and can serve as festival space during tournaments. Other facilities include batting cages, a playground, picnic shelters and walking trails and boardwalks through on-site wetlands.

The program elements were derived from public input via the recreation needs assessment that WPI conducted with the City in conjunction with planning efforts for the Sports Complex.

**Wood+Partners Inc.**  
Landscape Architects  
Land Planners



Atlanta | Hilton Head | Tallahassee  
404.688.4454 | 843.681.6618 | 850.391.0360  
[www.woodandpartners.com](http://www.woodandpartners.com)

# DeKalb County, Georgia Children's Adventure Garden

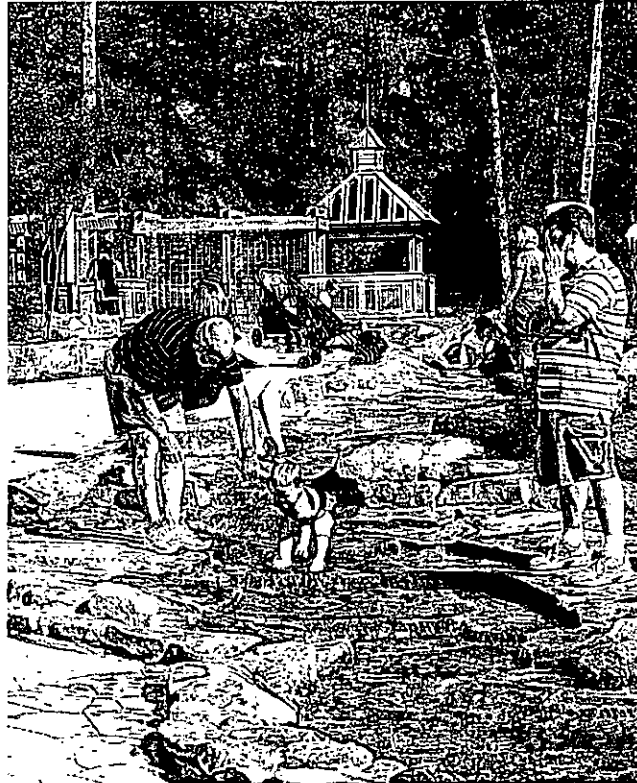
WPI

LEADING WITH EXPERIENCE + PLANNING FOR SUCCESS

The Children's Adventure Garden at Brook Run uses a brook like water feature as a focus of the park. The brook symbolizes a stream system beginning at a water fall and traversing through the park to end in a lake. Native plant materials were used and the existing trees preserved and exploited to provide shade and preserve the beauty of the site. The playground is universally-accessible and interwoven throughout the natural environment are play areas that include a tree house, climbing bridge, rope climbing area, and an open lawn area. A restroom facility and ample parking is provided as well. The next phase of the park is a skate park. This park provides new recreation opportunities for children of all ages.

►Award:

Merit Award - Tri State Chapters ASLA, 2008



**Wood+Partners Inc.**

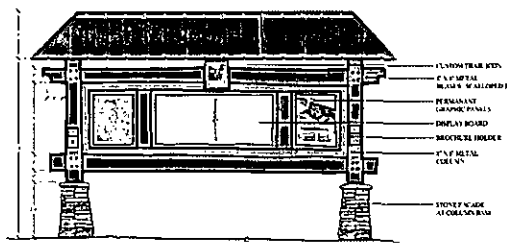
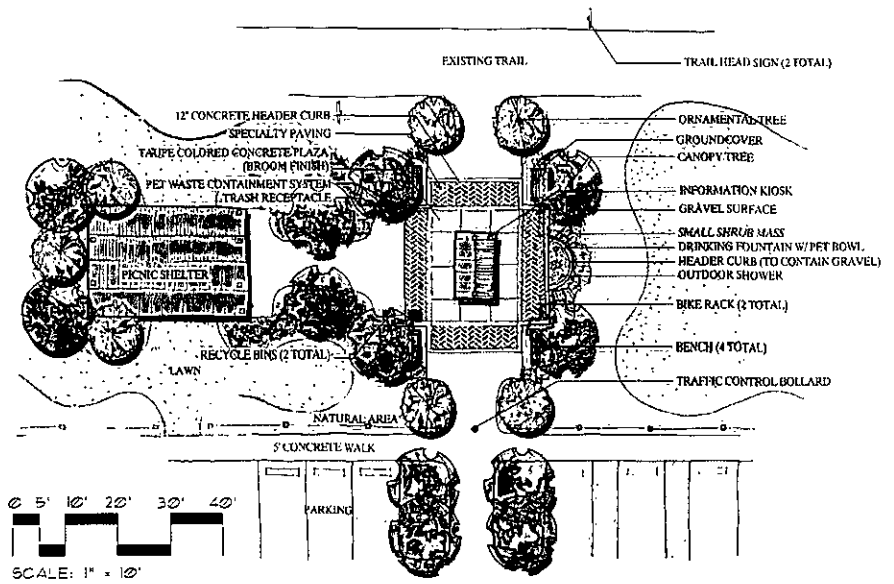
PO Box 23949 | Hilton Head Island | SC 29925  
843.681.6618



Landscape Architects + Land Planners  
Atlanta | Hilton Head | Tallahassee  
[www.woodandpartners.com](http://www.woodandpartners.com)

The Tallahassee Trails project was a conceptual planning exercise for a representative trailhead design to be located along various trails within the City of Tallahassee, Florida. Two typical trailheads, one large and one small, were planned to initially be located at Tom Brown Park and Meridian Park within the City of Tallahassee, with the intent to utilize the final design at various trails within the overall parks system. WPI worked with the Parks and Recreation Department to establish an overall character and "branding" of the trailheads as well as prepared limited construction details for the built environment to be applied to future site specific trailhead designs that included shade structures and kiosks, pedestrian circulation, site furnishings, and conceptual landscape enhancement.

## Typical Large Trailhead



Information Kiosk / Shelter at 1:10  
 Project: Park Architecture  
 Concept: Greenhouse, Inc.  
 Johnson & Bush, FL  
 606/771-8446

**Information Kiosk / Shelter**  
 SCALE: 1/2" = 1'-0"

The above structure is a common modification of an existing utility structure located at the site. Design to provide shelter for kiosk and recycling bin. Materials used for display board: Plywood (1/2")  
 Frame used: Steel (1/2")

Note: Details of structure to be provided by Information Kiosk and Shelter Department.

Customer option: For more information on 1:10 elevation and construction details, please refer to the Information Kiosk and Shelter Department.

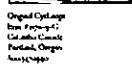
### Common Elements



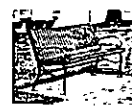
**DOORPOET** Poly Designer  
 4 Dispenser Waste Container  
 Non-Vandal-Proof  
 Pro-Pet Corporation  
 Chicago, IL  
 800.441.4245



**Standard Recycle Bin**  
 offered to bid.



**Original Cyclone Bin**  
 Item # 10000-01  
 Call after Contact  
 Portland, Oregon  
 503.531.0000



**Classic Bench**  
 Model CR-100  
 Victor Sealey, Inc.  
 Concord, Connecticut, Inc.  
 Johnson & Bush, FL



**Standard Recycle Bin**  
 offered to standard when rectangular shape.



**Modern Bench**  
 Model NSR-100  
 Victor Sealey, Inc.  
 Concord, Connecticut, Inc.  
 Johnson & Bush, FL



**Sign**  
 Model 100-10-20  
 Banner  
 Manded, Framingham  
 Connecticut, CT  
 508.548.2000



**Trash Receptacle**  
 Item # SES-SPP-SS5000  
 Specialty Food Products  
 East Windsor, CT  
 860.346.0000

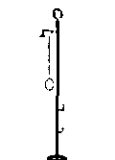
### Group A Options



**Trash Receptacle**  
 Model 100-10-20  
 Banner  
 Manded, Framingham  
 Connecticut, CT  
 508.548.2000



**Trash Receptacle**  
 Model 100-10-20  
 Banner  
 Manded, Framingham  
 Connecticut, CT  
 508.548.2000



**Trash Receptacle**  
 Model 100-10-20  
 Banner  
 Manded, Framingham  
 Connecticut, CT  
 508.548.2000

### Group B Options



**Trash Receptacle**  
 Model 100-10-20  
 Banner  
 Manded, Framingham  
 Connecticut, CT  
 508.548.2000



**Trash Receptacle**  
 Model 100-10-20  
 Banner  
 Manded, Framingham  
 Connecticut, CT  
 508.548.2000



**Trash Receptacle**  
 Model 100-10-20  
 Banner  
 Manded, Framingham  
 Connecticut, CT  
 508.548.2000



## **C. Willingness To Meet Schedule and Budget Requirements**

Hydra emphasizes open communication with a positive attitude to identify and provide for our clients' needs. Staying in touch with the client and its representatives throughout the project is vital to the success of our clients' projects. Hydra strives to consider its clients' resources as though they were its own.

Hydra prides itself on repeat clients. As such the only way to have a client continue to use your services is to provide your projects on time and on budget. In our opinion the primary way to ensure that project schedules are met and budgets are maintained is to have the senior staff member involved with all stages of the planning and design process.

To further verify that our projects are going as expected, Hydra has weekly scheduling meetings where the progress of each of our projects is reviewed versus the proposed schedule and budget to assure that the projects are going as expected.

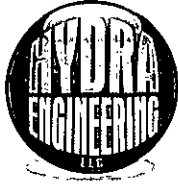
With the experience of Hydra's personnel combined with the depth and strength of Wood & Partner's staff, Leon County's schedule and budgets will be a priority.

## **D. Effect Of Firm's Recent, Current and Projected Workload**

### **1. Names and descriptions of Hydra's Current Workload:**

- Wakulla Gardens Phase 1 Stormwater Improvements: Stormwater Modeling for Critical stormwater improvements; Completion date: April 2011
- Pine Glen Bridge: Bridge Hydraulics Study, Roadway Plans, Specifications; Completion Date: April 2011
- Chaires Fire Station: Site Design, Site Permitting, Environmental Permitting; Completion Date: June 2011
- Tower Road Restroom and Pavilion: Site Plan Modification, Environmental Permitting; Completion Date: April 2011
- Blankenmeyer Mini Storage: Site Planning, Site Design, Site Permitting, Environmental Permitting; Completion Date: July 2011

### **2. As noted above, the majority of Hydra's current projects are expected to be completed within the next couple months. Hydra's staff is currently not operating at full capacity and is prepared to absorb projects resulting from this contract.**



## **E. Effect Of Project Team Location**

Hydra Engineering is located in Crawfordville, Florida and is registered as a local vendor with Leon County. Due to Hydra being the team leader and locally located, this provides a quick response to attend meetings and site visits. Hydra will be the project manager on all tasks and the work will be performed in our office in Crawfordville, Florida. Since our people live and work in the area, we are very involved with the community and take personal interest in providing a product that we can be proud to say we successfully completed.

## **F. Approach To The Project**

A "scope meeting" is the first step in the approach to any specific project. At this meeting, the County and Hydra will establish the goals of the project, design and permitting criteria, schedule for deliverables and the budget of the task. The fees will be negotiated between Hydra and Leon County. The current local, state and federal applicable codes and design standards will be obtained. Hydra will have weekly internal scheduling meetings to ensure the project is on schedule and within budget. Communication is essential to a successful project and thus Hydra will keep the County's Project Manager or representative abreast of the project's progress.

