

Contract No. CM2371  
Bid/RFP No. NC16-020

**AGREEMENT FOR DESIGN SERVICES FOR THE PAGES DAIRY/CHESTER  
ROAD INTERSECTION IMPROVEMENTS PROJECT  
NASSAU COUNTY, FLORIDA**

THIS AGREEMENT made and entered into this 21ST day of NOVEMBER 2016, by and between the Board of County Commissioners of Nassau County, a political subdivision of the State of Florida, hereinafter referred to as "County", and Connelly & Wicker Inc., a Florida Corporation, whose principle office address is located at 10060 Skinner Lake Drive, Suite 500, Jacksonville, Florida 32246, hereinafter referred to as "Consultant":

WHEREAS, the County desires to obtain professional engineering design services for the Pages Dairy/Chester Road Intersection Improvements Project; and

WHEREAS, said services are more fully described in the Scope of Services, Attachment "A", which is attached hereto and made a part hereof; and

WHEREAS, the Consultant desires to render certain professional engineering and design services as described in the Scope of Services, and has the qualifications, experience, staff and resources to perform those services; and

WHEREAS, the County, through a competitive selection process conducted in accordance with the requirements of law and County policy has determined that it would be in the best interest of the County to award a contract to Consultant for the rendering of those services described in the Scope of Services.

NOW THEREFORE, in consideration of the mutual covenants and agreements hereinafter contained, the parties hereto agree as follows:

**ARTICLE 1 - EMPLOYMENT OF CONSULTANT**

The County hereby agrees to engage Consultant, and Consultant hereby agrees to perform the services set forth in the Scope of Services.

**ARTICLE 2 - SCOPE OF SERVICES**

Consultant shall provide professional engineering and design services in accordance with the Scope of Services set forth in Attachment "A", attached hereto and incorporated by reference, and any additional services as may be specifically designated and additionally authorized by the parties.

**ARTICLE 3 - THE COUNTY'S RESPONSIBILITY**

Except as provided in the Scope of Service, the County's responsibilities are to furnish required information, services, render approvals and decisions as necessary for the orderly progress of Consultant's services. The County hereby designates Public Works/Engineering Services to act on the County's behalf with respect to the Scope of Services. The Director of Public Works, under the supervision of the County Manager shall have complete authority to transmit instructions, receive information, interpret and define County's policies and decisions with respect to materials, elements and systems pertinent to Consultant's services.

**ARTICLE 4 - TERM OF AGREEMENT**

The term of this Agreement shall be for a two (2) year period beginning on the date first written. The performance period of this Agreement may be extended upon mutual agreement between both parties. Any extension of performance period under this provision shall be in the County's best interest and

sole discretion. Any Agreement or amendment to the Agreement shall be subject to fund availability and mutual written agreement between the County and Consultant.

#### **ARTICLE 5 - COMPENSATION**

**5.1** The County shall pay Consultant in accordance with the provisions contained in the "Fee Schedule", which is attached hereto as Attachment "B", and incorporated herein as if set forth in full.

**5.2** Consultant shall prepare and submit to the Director of Public Works, for approval, a monthly invoice for the services rendered under this Agreement. Invoices for services shall be paid in accordance with the Florida Prompt Payment Act. All invoices shall be accompanied by a report identifying the nature and progress of the work performed. The statement shall show a summary of fees with an accrual of the total fees billed and credits for portions paid previously. The County reserves the right to withhold payment to Consultant for failure to perform the work in accordance with the provisions of this Agreement, and the County shall promptly notify Consultant if any invoice or report is found to be unacceptable and will specify the reasons therefor.

**5.3** All representation, indemnifications, warranties and guaranties made in, required by or given in accordance with this Agreement, as well as all continuing obligations indicated in this Agreement, will survive final payment and termination or completion of this Agreement.

**5.4** Final Invoice: In order for both parties herein to close their books and records, the Consultant will clearly state "Final Invoice" on the Consultant's

final/last billing to the County. This indicates that all services have been performed and all charges and costs have been invoiced to the County and that there is no further work to be performed on the project.

#### **ARTICLE 6 - STANDARD OF CARE**

Consultant shall exercise the same degree of care, skill, and diligence in the performance of the Services as is ordinarily provided by a professional under similar circumstances and Consultant shall, at no additional cost to the County, re-perform services which fail to satisfy the foregoing standard of care.

#### **ARTICLE 7 - DOCUMENTS**

The documents which comprise this Agreement between the County and the Consultant are attached hereto and made a part hereof and consist of the following:

- 7.1 This Agreement;
- 7.2 The Scope of Services attached hereto Attachment "A";
- 7.3 Fee Schedule summary attached hereto as Attachment "B";
- 7.4 Fee Schedule detail attached hereto as Attachment "C"
- 7.5 Request for Qualifications for Design Services, Bid No. NC16-020;
- 7.6 Proposal submitted by Consultant in response to the Request for Qualifications for Design Services, Bid No. NC16-020;
- 7.7 Any work authorizations, written amendments, modifications or addenda to this Agreement.

**ARTICLE 8 - EQUAL OPPORTUNITY EMPLOYMENT**

In connection with the work to be performed under this Agreement, Consultant agrees to comply with the applicable provisions of State and Federal Equal Employment Opportunity statutes and regulations.

**ARTICLE 9 - TRUTH-IN-NEGOTIATION/PUBLIC ENTITY CRIMES AFFIDAVIT**

Consultant certifies that wage rates and other factual unit costs supporting the compensation are accurate, complete, and current at the time of contracting. The original contract price and any additions thereto shall be adjusted to exclude any significant sums by which the county determines the contract price was increased due to inaccurate, incomplete, or non-current wage rates and other factual unit costs. Consultant represents that it has furnished a Public Entity Crimes Affidavit pursuant to Section 287.133, Florida Statutes.

**ARTICLE 10 - INDEMNIFICATION**

Consultant shall indemnify and hold harmless the County and its officers and employees from liabilities, damages, losses, and costs, including but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the Consultant and other persons employed or utilized by the Consultant, in the performance of the contract.

**ARTICLE 11 - INDEPENDENT CONTRACTOR**

Consultant undertakes performance of the services as an independent contractor under this Agreement, and shall be wholly responsible for the methods

of performance. The County shall have no right to supervise the methods used, but the County shall have the right to observe such performance. Consultant shall work closely with the County in performing services under this Agreement.

**ARTICLE 12 – EXTENT OF AGREEMENT**

12.1 This Agreement represents the entire and integrated agreement between the County and Consultant and supersedes all prior negotiations, representations, or agreement, either written or oral.

12.2 This Agreement may only be amended, supplemented, modified, changed or canceled by a duly executed written instrument.

**ARTICLE 13 - COMPLIANCE WITH LAWS**

In performance of the services, Consultant will comply with applicable regulatory requirements including federal, state, and local laws, rules regulations, orders, codes, criteria and standards.

**ARTICLE 14 - INSURANCE**

14.1 The Consultant shall purchase and maintain such commercial (occurrence form) or comprehensive general liability, workers compensation, professional liability, and other insurance as is appropriate for the services being performed hereunder by Consultant, its employees or agents. The amounts and types of insurance shall conform to the following minimum requirements.

14.1.1 Worker's Compensation: Coverage must apply for all employees and statutory limits in compliance with the applicable state and federal laws. In addition, the policy must include the following:

- a. Employer's Liability with a minimum limit per accident in accordance with statutory requirements.
- b. Notice of Cancellation and/or Restriction. The policy must be endorsed to provide County with ten (10) days' written notice of cancellation and/or restriction.

**14.1.2 Comprehensive General Liability:** Coverage must include:

- a. \$1,000,000.00 combined limit per occurrence for bodily injury, personal injury and property damage; \$2,000,000 general aggregate.
- b. Contractual coverage applicable to this specific contract, including any hold harmless and/or indemnification agreement.
- c. Additional Insured. County is to be specifically included as an additional insured.
- d. Notice of Cancellation and/or Restriction. The policy must be endorsed to provide County with ten (10) days' written notice of cancellation and/or restriction.

**14.1.3 Professional Liability:**

- a. Consultant agrees to maintain Professional Liability with limits of not less than \$1,000,000 for professional services rendered in accordance with this Agreement.
- b. Consultant shall maintain such insurance for at least five (5) years from the termination of this Agreement and

during this five (5) year period the Consultant shall use his best efforts to ensure that there is no change of the retroactive date on this insurance coverage.

- c. If there is a change that reduces or restricts the coverage carried during the Agreement, the Consultant shall notify the County within thirty (30) days of the change.

**14.1.4 Comprehensive Automobile Liability:** Coverage must be afforded on a form no more restricted than the latest edition of the Comprehensive Automobile Liability Policy filed by the Insurance Services Office and must include:

- a. \$1,000,000 combined single limit per accident for bodily injury and property damage.
- b. Owned Vehicles
- c. Hired and Non-Owned Vehicles
- d. Employee Non-Ownership
- e. Additional Insured. County is to be specifically included as an additional insured.
- f. Notice of Cancellation and/or Restriction. The policy must be endorsed to provide County with ten (10) days' written notice of cancellation and/or restriction.

**14.1.5 Umbrella Policy:** Coverage must be afforded on a form no more restricted than the latest Umbrella Policy filed by Insurance Services Offices and must include:

- a. \$1,000,000 per occurrence
- b. General Liability underlying coverage: \$1,000,000 for bodily injury, personal injury and property damage. General Aggregate of \$2,000,000.
- c. Auto liability: Underlying Combined single limit of \$1,000,000.
- d. Employers' Liability: Underlying limit \$500,000/\$500,000/\$500,000.
- e. Additional Insured. County is to be specifically included as an additional insured.
- f. Notice of Cancellation and/or Restriction. The policy must be endorsed to provide County with ten (10) day's written notice of cancellation and/or restriction.

14.2 Certificates of Insurance evidencing the insurance coverage specified in this Section shall be filed with the County. The Certificates of Insurance shall be filed with County before this Agreement is deemed approved by the County. The required Certificates of Insurance not only shall name types of policies provided, but also shall refer specifically to this Agreement. All the policies of insurance so required of Consultant except workers compensation and professional liability insurance shall be endorsed to include as additional insured the County, its officers, employees, and agents to the extent of the County's interest arising from any contract agreement between County and Consultant. If the initial insurance expires prior to completion of the work, renewal Certificates

of Insurance shall be furnished thirty (30) days prior to the date of their expiration.

**14.3** Insurance coverage shall be placed with insurers or self-insurance funds, satisfactory to the County, licensed to do business in the State of Florida and with a resident agent designated for the service of process. All insurers shall have an "A" policyholder's rating and a financial rating of at least Class IX in accordance with the most current Best's rating. Consultant shall provide the County with financial information concerning any self insurance fund insuring Consultant. At the County's option, a Best's rating or Self-Insurance Fund financial information may be waived.

#### **ARTICLE 15 – ACCESS TO PREMISES**

The County shall be responsible for providing access to all project sites, and for providing project-specific information.

#### **ARTICLE 16 - TERMINATION OF AGREEMENT**

**16.1 Termination for Convenience:** This Agreement may be terminated by the County for convenience, upon thirty (30) days of written notice to Consultant. In such event, the Consultant shall be paid its compensation for services performed prior to the termination date. In the event that the Consultant abandons this Agreement or causes it to be terminated, Consultant is liable to the County for any and all loss pertaining to this termination.

**16.2 Default by Consultant:** In addition to all other remedies available to the County, the County may terminate this Agreement for cause should the Consultant neglect, fail to perform, or observe any of the terms, provisions,

conditions, or requirements herein contained. Prior to termination the County shall provide written notice of the specific conditions warranting default, and the County shall allow thirty (30) days for Consultant to cure.

**ARTICLE 17 - NONDISCLOSURE OF PROPRIETARY INFORMATION**

Consultant shall consider all information provided by County and all reports, studies, calculations, and other documentation resulting from the Consultant's performance of the Services to be proprietary unless such information is available from public sources. Consultant shall not publish or disclose proprietary information for any purpose other than the performance of the services without the prior written authorization of County or in response to legal process.

**ARTICLE 18 - UNCONTROLLABLE FORCES**

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

**18.2** Neither party shall, however, be excused from performance if nonperformance is due to forces, which are preventable, removable, or

remediable, and which the nonperforming party could have, with the exercise of reasonable diligence, prevented, removed, or remedied with reasonable dispatch. The nonperforming party shall, within a reasonable time of being prevented or delayed from performance by an uncontrollable force, give written notice to the other party describing the circumstances and uncontrollable forces preventing continued performance of the obligations of this Agreement.

#### **ARTICLE 19 - GOVERNING LAW AND VENUE**

This Agreement shall be governed by the laws of the State of Florida. Any and all legal action necessary to enforce the Agreement will be held in Nassau County.

#### **ARTICLE 20 - MISCELLANEOUS**

**20.1 Non-waiver:** A waiver by either County or Consultant of any breach of this Agreement shall not be binding upon the waiving party unless such waiver is in writing. In the event of a written waiver, such a waiver shall not affect the waiving party's rights with respect to any other or further breach. The making or acceptance of a payment by either party with knowledge of the existence of a default or breach shall not operate or be construed to operate as a waiver of any subsequent default or breach.

**20.2 Severability:** Any provision in this Agreement that is prohibited or unenforceable in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions hereof or affecting the validity or enforceability of such provisions in any other jurisdiction. The non-enforcement of any provision by either party shall

not constitute a waiver of that provision nor shall it affect the enforceability of that provision or of the remainder of this Agreement.

**20.3 Public Records Requirement:** The County is a public agency subject to Chapter 119, Florida Statutes. IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (904) 530-6250, DMOODY@NASSAUCOUNTYFL.COM, 96161 NASSAU PLACE, YULEE, FLORIDA 32097. Under this agreement, to the extent that the contractor is providing services to the County, and pursuant to Section 119.0701, Florida Statutes, the contractor shall;

1. Keep and maintain public records required by the public agency to perform the service.
2. Upon request from the public agency's custodian of public records, provide the public agency with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in this chapter or as otherwise provided by law.
3. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the

contract term and following completion of the contract if the contractor does not transfer the records to the public agency.

4. Upon completion of the contract, transfer, at no cost, to the public agency all public records in possession of the contractor or keep and maintain public records required by the public agency to perform the service. If the contractor transfers all public records to the public agency upon completion of the contract, the contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the contractor keeps and maintains public records upon completion of the contract, the contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the public agency, upon request from the public agency's custodian of public records, in a format that is compatible with the information technology systems of the public agency.

**20.4** The provisions of this section shall not prevent the entire Agreement from being void should a provision, which is of the essence of the Agreement, be determined to be void.

#### **ARTICLE 21 - SUCCESSORS AND ASSIGNS**

The County and Consultant each binds itself and its director, officers, partners, successors, executors, administrators, assigns and legal

representatives to the other party to this Agreement and to the partners, successors, executors, administrators, assigns, and legal representatives.

#### **ARTICLE 22 - CONTINGENT FEES**

The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant to solicit or secure this Agreement and that it has not paid or agreed to pay any person, company, corporation, individual or firm, other than a bona fide employee working solely for the Consultant, any fee, commission, percentage, gift or any other consideration contingent upon or resulting from the award or making of this Agreement.

#### **ARTICLE 23 - OWNERSHIP OF DOCUMENTS**

Consultant shall be required to work in harmony with other consultants relative to providing information requested in a timely manner and in the specified form. Any and all documents, records, disks, original drawings, or other information shall become the property of the County upon completion for its use and distribution as may be deemed appropriate by the County.

#### **ARTICLE 24 - FUNDING**

This agreement shall remain in full force and effect only as long as the expenditures provided for in the Agreement have been appropriated by the County Commission of the County of Nassau in the annual budget for each fiscal year of this Agreement, and is subject to termination based on lack of funding.

**ARTICLE 25 - NOTICE**

**25.1** Whenever either party desires or is required under this Agreement to give notice to any other party, it must be given by written notice either delivered in person, sent by U.S. Certified Mail, U.S. Express Mail, air or ground courier services, or by messenger service, as follows:

**COUNTY**

Nassau County Contract Management  
96135 Nassau Place, Suite 2  
Yulee, Florida 32097  
904-530-6040  
Fax: 904-321-5917  
dpensante@nassaucountyfl.com  
With a copy to the County Attorney at the same address.

**CONSULTANT:**

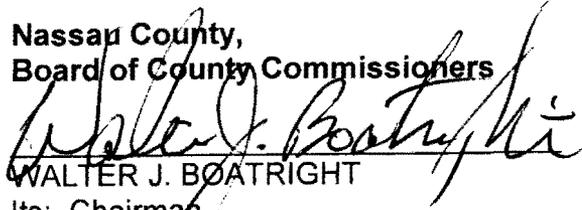
Connelly & Wicker Inc.  
10060 Skinner Lake Drive, Suite 500  
Jacksonville, Florida 32246  
904-265-3030  
Fax: 904-265-3031  
welch@cwieg.com

**25.2** Notices shall be effective when received at the address specified above. Changes in the respective addresses to which such notice may be directed may be made from time to time by any party by written notice to the other party. Email and facsimile are acceptable notice effective when received, however, notices received (i.e.; printed) after 5:00 p.m. or on weekends or holidays, will be deemed received on the next business day. The original of the notice must additionally be mailed as required herein.

**25.3** Nothing contained in this Article shall be construed to restrict the transmission of routine communications between representatives of Consultant and County.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first written above.

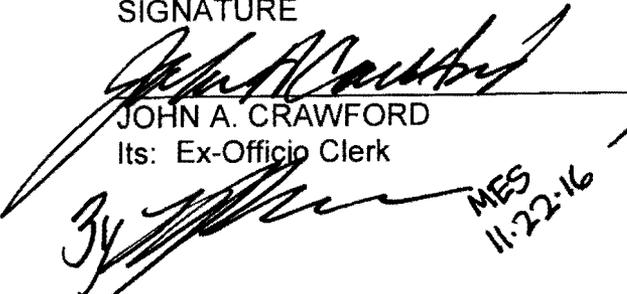
Nassau County,  
Board of County Commissioners

  
WALTER J. BOATRIGHT

Its: Chairman

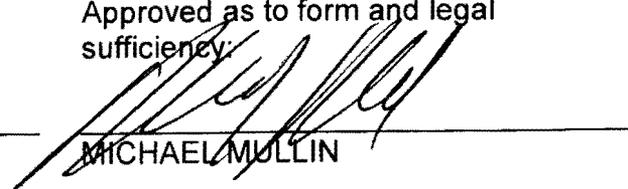
Date: 11-21-16

ATTEST TO CHAIR  
SIGNATURE

  
JOHN A. CRAWFORD

Its: Ex-Officio Clerk

Approved as to form and legal  
sufficiency:

  
MICHAEL MULLIN

MES  
11-22-16

ATTEST:

Connelly & Wicker Inc.

[Signature]  
(Corporate Secretary)

[Signature]  
Signature of President/Owner

Andrew Cummings  
Type/Print Name of Corporate Secy.

Richard C. Welch  
Type/Print Name of President/Owner

(CORPORATE SEAL)

Date: 10/18/2016

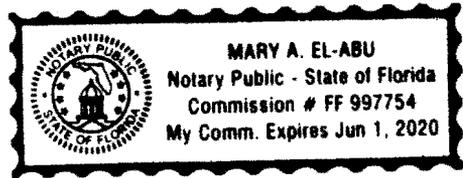
CORPORATE ACKNOWLEDGEMENT

STATE OF Florida :  
COUNTY OF Duval :SS

I HEREBY CERTIFY that on this day, before me, an Officer duly authorized in the State aforesaid and in the County aforesaid to take acknowledgments, personally appeared Richard Welch, of Connelly & Wicker Inc. A Florida Corporation, to me known to be the person(s) described in and who executed the foregoing instrument and acknowledged before me that he/she executed the same.

WITNESS my hand and official seal this 18<sup>th</sup> day of October, 2016.

Mary A. El-Abu  
Signature of Notary Public  
State of Florida at Large



\_\_\_\_\_  
Print, Type or Stamp  
Name of Notary Public

- Personally known to me or
- Produced Identification

\_\_\_\_\_  
Type of I.D. Produced

- DID take an oath, or
- DID NOT take an oath.

**ATTACHMENT "A"**  
**Scope of Services for Design Services**  
**Pages Dairy/Chester Road Intersection Improvements**  
**Board of County Commissioners, Nassau County, FL**

The following work and services are presented as an indication of the work that may be required under the contract, but may not necessarily be all inclusive of the work under this contract. The respondent is encouraged to propose innovative ideas and/or concepts that may be considered.

**1.0 PROJECT DESCRIPTION**

Nassau County is seeking the services of an engineering firm to provide the necessary design services for the Pages Dairy/Chester Road Intersection Improvements project, Nassau County, Florida. The project will create a four (4) lane section from Courtney Isles Way on Chester Road through the intersection at Pages Dairy Road, and includes the following:

- Signalization at the intersection of Pages Dairy Road and Chester Road.
- Modifications to the rail road crossing.
- The intersection is intended to be designed and constructed in a manner that will allow it to be used when Page's Dairy is extended eastward to Blackrock Road in the future.
- Design for widening of Page's Dairy from Chester westward to the intersection of Page's Dairy and Felmor Rd.
- Resurfacing and rehabilitation of approximately 2 miles of Chester Road north of the Heron Isles Parkway up to north of Rose's Bluff, distance to be determined.

Proposers should note that the bridge over Lofton Creek on Page's Dairy is to be replaced by FDOT with funding in 2021. FDOT is currently conducting a PD&E study for that project. Additionally, it should be noted that the widening of Page's Dairy is being funded by FDOT and will require a separate (or component) set of plans and specs so that design, construction and CEI costs can be accounted for appropriately.

The selected consulting firm will perform services including, but not limited to the following:

**2.0 SCOPE OF PROJECT:**

- 2.1 Design and provide the construction documents to improve the Page's Dairy/Chester Intersection to include Signalization, Railroad coordination and resurfacing of approximately 2 miles of roadway north of Heron Isles Parkway to Rose's Bluff.
- 2.2 Design and provide the construction documents for the widening of Page's Dairy Road from the west end of the intersection improvements project (described above) to Felmor road to provide paved shoulders.
- 2.3 Lengthening and/or replacement design of the existing crossdrains and/or sidedrains, as required, to meet the proposed typical section clear zone requirements and ensure the design life of the improvements and existing facilities are equivalent.
- 2.4 Signalization
- 2.5 Signing, striping marking.
- 2.6 Roadway design shall meet the minimum requirements of the Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways, commonly known as the "Florida Greenbook".

- 2.7 The work will include survey, geotechnical, environmental and any other investigations to support the design.
- 2.8 Consultant shall provide:
- All necessary permits
  - Utility coordination
  - Railroad coordination
  - Construction documents
  - Post design services

**Fee Proposal**  
**Department of Public Works**  
**Nassau County, Florida**

	<u>Estimated Cost</u>
1. Chester Road Resurfacing Project	
Connelly and Wicker	\$69,417.50
DRMP	\$56,799.77
Universal Engineering	\$14,928.68
Post Design Services (L.A.)	\$5,000.00
Subtotal	\$146,145.95
2. Chester Road at Pages Dairy Intersection	
Connelly and Wicker	\$85,177.54
DRMP	\$28,557.00
Peters and Yaffee	\$36,352.34
Universal Engineering	\$8,795.74
Environmental Services	\$2,500.00
Post Design Services (L.A.)	\$10,000.00
Subtotal	\$171,382.62
3. Pages Dairy Road Widening	
Connelly and Wicker	\$149,141.12
DRMP	\$185,580.37
Universal Engineering	\$23,357.34
Environmental Services	\$3,000.00
Post Design Services (L.A.)	\$10,000.00
Subtotal	\$371,078.83
Total	<u>\$688,607.40</u>

**CONTRACT FEE SUMMARY FORMAT FOR DEPT. OF PUBLIC WORKS  
NASSAU COUNTY, FLORIDA**

<b>PART I - GENERAL</b>				
<b>1. Project</b> Chester Road Resurfacing		<b>2. Contract Number</b> Bid No. NC16-020		
<b>3. Name of Consultant</b> Connelly & Wicker Inc.		<b>4. Date of Proposal</b> 08/31/16		
<b>PART II - LABOR RELATED COSTS</b>				
<b>5. Direct Labor</b>	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Chief Engineer	\$223.83	66	\$ 14,772.78	
Project Manager/EOR	\$116.49	66	\$ 7,688.34	
Engineer	\$109.24	232	\$ 25,343.68	
Sr. Designer	\$74.59	166	\$ 12,381.94	
Designer	\$64.38	66	\$ 4,249.08	
Sr. Technician	\$75.48	66	\$ 4,981.68	
<b>TOTAL</b>	\$104.86	662		\$69,417.50
<b>6. Overhead (Combined Fringe Benefit &amp; Administrative)</b>		Overhead Rate		Total Direct Labor
				-
<b>7. SUBTOTAL: Labor + Overhead (Items 5 &amp; 6)</b>				-
<b>8. PROFIT: Labor Related Costs (Item 7)</b>			(Labor + Overhead)	-
<b>PART III - OTHER COSTS</b>				
<b>9. Miscellaneous Direct Costs</b>				
Transportation			\$ 0.00	
Permit Fee			\$ 0.00	
Reproduction			\$ 0.00	
Shipping & Mail			\$ 0.00	
<b>MISCELLANEOUS DIRECT COSTS SUB-TOTAL</b>				\$0.00
<b>10. Sub Consultants</b>				
	DRMP, Inc.		\$ 56,799.77	See Attachment
			\$ 0.00	See Attachment
	Universal Engineering Sciences		\$ 14,928.68	See Attachment
			\$ 0.00	See Attachment
<b>SUB-CONSULTANT SUB-TOTAL</b>				\$71,728.45
<b>TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)</b>				\$141,145.95
<b>11. REIMBURSABLE COSTS (Limiting Amount)</b>				
	Post Design Services		\$ 5,000.00	
<b>SUB-TOTAL REIMBURSABLES</b>				\$5,000.00
<b>PART IV - SUMMARY</b>				
<b>TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables)</b> (Items 5 and 10)				\$146,145.95

**ESTIMATE OF WORK EFFORT AND FEE FOR  
CONSTRUCTION PLANS**

CONSULTANT: Connelly & Wicker Inc.	NAME OF PROJECT: Chester Road Resurfacing
Contract Number: Bid No. NC16-020	BETWEEN:
Prepared: August 31, 2016	AND:
Estimator's Name: Lanier	LENGTH:

No. / ACTIVITY	Chief Engineer		Project Manager/EOR		Engineer		Sr. Designer		Designer	
	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST
113 Plan Prep.	65	\$14,548.95	65	\$7,571.85	228	\$24,906.72	163	\$12,158.17	65	\$4,184.70
109 Drainage Design	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
114 Permitting	1	\$223.83	1	\$116.49	4	\$436.96	3	\$223.77	1	\$64.38
115 Post Design Services	5	\$1,119.15	8	\$931.92	8	\$873.92	9	\$676.41	10	\$643.80
<b>TOTAL</b>	<b>71</b>	<b>\$15,891.93</b>	<b>74</b>	<b>\$8,620.26</b>	<b>240</b>	<b>\$26,217.60</b>	<b>175.0684</b>	<b>\$13,058.35</b>	<b>76</b>	<b>\$4,892.88</b>

No. / ACTIVITY	Sr. Technician		0		MAN HOURS	SALARY	AVG.	SALARY
	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	BY ACTIVITY	COST BY ACTIVITY	HOURLY COST	DIST. %
113 Plan Prep.	65	\$4,906.20	0	\$0.00	650	\$68,276.59	\$105.04	91.7
109 Drainage Design	0	\$0.00	0	\$0.00	0	\$0.00	\$0.00	0.0
114 Permitting	1	\$75.48	0	\$0.00	10	\$1,140.91	\$114.09	1.5
115 Post Design Services	10	\$754.80	0	\$0.00	0	\$5,000.00	#DIV/0!	6.7
<b>TOTAL</b>	<b>76</b>	<b>\$5,736.48</b>	<b>0</b>	<b>\$0.00</b>	<b>660</b>	<b>\$74,417.50</b>	<b>\$112.75</b>	<b>100.0</b>

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project:  
 County:  
 FPN:  
 FAP No.:

Pages Dairy/Chester Road Widening - Chester Road Project  
 Nassau  
 N/A  
 ?

Consultant Name: DRMP, Inc.  
 Consultant No.: enter consultants proj. number  
 Date: 9/6/2016  
 Estimator: Glenn J. Lusmk, PSM

Staff Classification	Total Staff Hours From "SH Summary - Firm"	Project Manager	Senior Surveyor & Mapper	Surveyor & Mapper	Survey Technician	Secretarial / Clerical	Staff Classification 6	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH	Salary	Average
														By Activity	Cost By Activity	Rate Per Task
3. Project General and Project Common Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, Compliance & Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwg's, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Architecture Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	125	0	0	44	75	6	0	0	0	0	0	0	0	125	\$13,161	\$105.29
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Terrestrial Mobile LIDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	<b>125</b>	<b>0</b>	<b>0</b>	<b>44</b>	<b>75</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>125</b>		
<b>Total Staff Cost</b>		<b>\$0.00</b>	<b>\$0.00</b>	<b>\$5,904.36</b>	<b>\$6,812.25</b>	<b>\$444.36</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>\$13,160.97</b>	<b>\$145.29</b>

Survey Field Days by Subconsultant  
 3 - Person Crew:

SALARY RELATED COSTS:			\$13,160.97
OVERHEAD:	6%		\$0.00
OPERATING MARGIN:	0%		\$0.00
FCCM (Facilities Capital Cost Money):	0.00%		\$0.00
EXPENSES:	0.00%		\$0.00
Survey (Field - B by Prime)	19	3-man crew days @	\$34,914.40
SUE Services	4	3-man crew days @	\$8,724.40
<b>SUBTOTAL ESTIMATED FEE:</b>			<b>\$56,799.77</b>
Subconsultant: Enter Name Sub 1			\$0.00
Subconsultant: Sub 2			\$0.00
Subconsultant: Sub 3			\$0.00
Subconsultant: Sub 4			\$0.00
Subconsultant: Sub 5			\$0.00
Subconsultant: Sub 6			\$0.00
Subconsultant: Sub 7			\$0.00
Subconsultant: Sub 8			\$0.00
Subconsultant: Sub 9			\$0.00
Subconsultant: Sub 10			\$0.00
Subconsultant: Sub 11			\$0.00
Subconsultant: Sub 12			\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>			<b>\$56,799.77</b>
Geotechnical Field and Lab Testing			\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>			<b>\$56,799.77</b>
Optional Services			\$0.00
<b>GRAND TOTAL ESTIMATED FEE:</b>			<b>\$56,799.77</b>

- Notes:  
 1. This sheet to be used by Prime Consultant to calculate the Grand Total fee.  
 2. Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

KEUISEB 9/6/16

**FEE SCHEDULE**

**Geotechnical Exploration  
 Chester Road Resurfacing**

**Nassau County, Florida  
 UES Proposal No.  
 09/01/16**

Task	Quantity	Units	Fee Per Unit	Estimated Fee
<b>GEOTECHNICAL PROFESSIONAL SERVICES</b>				
Senior Engineer	4	hour(s)	\$121.64	\$486.56
Project Engineer	12	hour(s)	\$111.77	\$1,341.24
Engineering Intern	16	hour(s)	\$72.71	\$1,163.36
Technical Secretary	1	hour(s)	\$40.00	\$40.00
Drafting	2	hour(s)	\$61.42	\$122.84
Senior Engineering Technician - Utility Locates	2	hour(s)	\$66.64	\$133.28
Subtotal:				<b>\$3,287.28</b>
<b>GEOTECHNICAL DRILLING SERVICES</b>				
Mobilization Crew and Equipment	0	each	\$400.00	\$0.00
Mobilization - Portable Equipment	0	each	\$800.00	\$0.00
Mobilization - Core Rig	1	each	\$110.00	\$110.00
Police/vehicle (2 persons @ 8 hours)	32	hours	\$60.00	\$1,920.00
Truck Mounted Attenuator	16	hours	\$250.00	\$4,000.00
Coring Equipment	2	day	\$100.00	\$200.00
SPT Borings - Truck 0-50	0	feet	\$11.00	\$0.00
SPT Borings - Portable Equipment 50-75	0	feet	\$18.00	\$0.00
Static Cone Penetrometer	0	feet	\$14.00	\$0.00
Auger Borings (20 @ 5 ft)	100	feet	\$9.50	\$950.00
Grout	0	feet	\$5.00	\$0.00
Senior Engineering Technician (Base Thickness)	10	hours	\$66.64	\$666.40
Obtain 8-inch Shelby Tube	0	each	\$25.00	\$0.00
Double Ring / Field Cased Perm	0	each	\$450.00	\$0.00
Asphalt Cores	40	each	\$60.00	\$2,400.00
Subtotal:				<b>\$10,246.40</b>
<b>GEOTECHNICAL LABORATORY TESTING</b>				
Particle Size Analysis	10	each	\$70.00	\$700.00
Organic Content	5	each	\$35.00	\$175.00
Moisture Content	15	each	\$8.00	\$120.00
Atterberg Limits	4	each	\$100.00	\$400.00
Corrosion Testing	0	each	\$125.00	\$0.00
Subtotal:				<b>\$1,395.00</b>
<b>TOTAL:</b>				<b>\$14,928.68</b>



**CONTRACT FEE SUMMARY FORMAT FOR DEPT. OF PUBLIC WORKS  
NASSAU COUNTY, FLORIDA**

<b>PART I - GENERAL</b>				
<b>1. Project</b> Pages Dairy Road at Chester Road Intersection Improvements			<b>2. Contract Number</b> Bid No. NC16-020	
<b>3. Name of Consultant</b> Connelly & Wicker Inc.			<b>4. Date of Proposal</b> 08/31/16	
<b>PART II - LABOR RELATED COSTS</b>				
<b>5. Direct Labor</b>	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Chief Engineer	\$223.83	75	\$ 16,787.25	
Sr. Project Manager/EOR	\$201.97	75	\$ 15,147.75	
Engineer	\$109.24	263	\$ 28,730.12	
Sr. Designer	\$74.59	188	\$ 14,022.92	
Designer	\$64.38	75	\$ 4,828.50	
Sr. Technician	\$75.48	75	\$ 5,661.00	
<b>TOTAL</b>	<b>\$113.42</b>	<b>751</b>		<b>\$85,177.54</b>
<b>6. Overhead (Combined Fringe Benefit &amp; Administrative)</b>				
Overhead Rate			Total Direct Labor	-
<b>7. SUBTOTAL: Labor + Overhead (Items 5 &amp; 6)</b>			-	
<b>8. PROFIT: Labor Related Costs (Item 7)</b>			<b>(Labor + Overhead)</b>	
			-	
<b>PART III - OTHER COSTS</b>				
<b>9. Miscellaneous Direct Costs</b>				
Transportation			\$ 0.00	
Permit Fee			\$ 0.00	
Reproduction			\$ 0.00	
Shipping & Mail			\$ 0.00	
<b>MISCELLANEOUS DIRECT COSTS SUB-TOTAL</b>				<b>\$0.00</b>
<b>10. Sub Consultants</b>				
	DRMP, Inc.		\$ 28,557.00	See Attachment
	Peters & Yaffee, Inc.		\$ 36,352.34	See Attachment
	Universal Engineering Sciences		\$ 8,795.74	See Attachment
	Environmental Services, Inc.		\$ 2,500.00	See Attachment
<b>SUB-CONSULTANT SUB-TOTAL</b>				<b>\$76,205.08</b>
<b>TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)</b>				<b>\$161,382.62</b>
<b>11. REIMBURSABLE COSTS (Limiting Amount)</b>				
	Post Design Services		\$ 10,000.00	
<b>SUB-TOTAL REIMBURSABLES</b>				<b>\$10,000.00</b>
<b>PART IV - SUMMARY</b>				
<b>TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables)</b> (Items 5 and 10)				<b>\$171,382.62</b>

**ESTIMATE OF WORK EFFORT AND FEE FOR  
CONSTRUCTION PLANS**

CONSULTANT: Connelly & Wicker Inc.				NAME OF PROJECT: Pages Dairy Road at Chester Road Intersection Improvement						
Contract Number: Bid No. NC16-020				BETWEEN:						
Prepared: August 31, 2016				AND:						
Estimator's Name: Hartland				LENGTH:						
No. / ACTIVITY	Chief Engineer RATE = \$223.83		Sr. Project Manager/EOR RATE = \$201.97		Engineer RATE = \$109.24		Sr. Designer RATE = \$74.59		Designer RATE = \$64.38	
	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST
113 Plan Prep.	71	\$15,891.93	71	\$14,339.87	248	\$27,091.52	177	\$13,202.43	71	\$4,570.98
109 Drainage Design	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
114 Permitting	4	\$895.32	4	\$807.88	15	\$1,638.60	11	\$820.49	4	\$257.52
115 Post Design Services	8	\$1,790.64	15	\$3,029.55	16	\$1,747.84	8.5101	\$634.77	20	\$1,287.60
<b>TOTAL</b>	<b>83</b>	<b>\$18,577.89</b>	<b>90</b>	<b>\$18,177.30</b>	<b>279</b>	<b>\$30,477.96</b>	<b>196.5101</b>	<b>\$14,657.69</b>	<b>95</b>	<b>\$6,116.10</b>

No. / ACTIVITY	Sr. Technician RATE = \$75.48		0 RATE = \$0.00		MAN HOURS	SALARY	AVG.	SALARY COST
	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	BY ACTIVITY	COST BY ACTIVITY	HOURLY COST	DIST. %
113 Plan Prep.	71	\$5,359.08	0	\$0.00	708	\$80,455.81	\$113.64	84.5
109 Drainage Design	0	\$0.00	0	\$0.00	0	\$0.00	\$0.00	0.0
114 Permitting	4	\$301.92	0	\$0.00	44	\$4,721.73	\$107.31	5.0
115 Post Design Services	20	\$1,509.60	0	\$0.00	0	\$10,000.00	#DIV/0!	10.5
<b>TOTAL</b>	<b>95</b>	<b>\$7,170.60</b>	<b>0</b>	<b>\$0.00</b>	<b>752</b>	<b>\$95,177.54</b>	<b>\$126.57</b>	<b>100.0</b>

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: Pages Dairy/Chester Road Widening - Pages Dairy Road and Chester Road Intersection  
 County: Nassau  
 FPN: N/A  
 FAP No.: 7

Consultant Name: DRMP, Inc.  
 Consultant No.: enter consultants proj. number  
 Date: 9/6/2016  
 Estimator: Glenn J. Lusink, PSM

Staff Classification	Total Staff Hours From "SH Summary - Firm"	Project Manager	Senior Surveyor & Mapper	Surveyor & Mapper	Survey Technician	Secretarial / Clerical	Staff Classification 6	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH	Salary	Average
														By Activity	Cost By Activity	Rate Per Task
3. Project General and Project Common Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, Compliance & Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwg's, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Architecture Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	64	0	0	22	38	3	0	0	0	0	0	0	0	63	\$6,625	\$105.17
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Terrestrial Mobile LIDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	<b>64</b>	<b>0</b>	<b>0</b>	<b>22</b>	<b>38</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>63</b>	<b>\$6,625.00</b>	<b>\$105.17</b>
<b>Total Staff Cost</b>		<b>\$0.00</b>	<b>\$0.00</b>	<b>\$2,952.16</b>	<b>\$3,451.54</b>	<b>\$222.18</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>\$6,625.00</b>	

Survey Field Days by Subconsultant  
 3 - Person Crew:

SALARY RELATED COSTS:			\$6,625.00
OVERHEAD:		0%	\$0.00
OPERATING MARGIN:		0%	\$0.00
FCCM (Facilities Capital Cost Money):		0.00%	\$0.00
EXPENSES:		0.00%	\$0.00
Survey (Field - U by Prime)	6	3-man crew days @	\$11,025.50
SUE Services	5	3-man crew days @	\$10,905.50
<b>SUBTOTAL ESTIMATED FEE:</b>			<b>\$29,567.00</b>
Subconsultant: Enter Name Sub 1			\$0.00
Subconsultant: Sub 2			\$0.00
Subconsultant: Sub 3			\$0.00
Subconsultant: Sub 4			\$0.00
Subconsultant: Sub 5			\$0.00
Subconsultant: Sub 6			\$0.00
Subconsultant: Sub 7			\$0.00
Subconsultant: Sub 8			\$0.00
Subconsultant: Sub 9			\$0.00
Subconsultant: Sub 10			\$0.00
Subconsultant: Sub 11			\$0.00
Subconsultant: Sub 12			\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>			<b>\$29,567.00</b>
Geotechnical Field and Lab Testing			\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>			<b>\$29,567.00</b>
Optional Services			\$0.00
<b>GRAND TOTAL ESTIMATED FEE:</b>			<b>\$29,567.00</b>

- Notes:  
 1. This sheet to be used by Prime Consultant to calculate the Grand Total fee.  
 2. Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

REVISED 9/6/16

1837.6



**ESTIMATE OF WORK EFFORT AND FEE**  
**Chester Road at Pages Dairy Road Traffic Signal Design**

Contract No. CM2371  
 Bid/RFP No. NC16-020

No. / ACTIVITY	Project Manager / Senior Engineer		Engineer		Engineering Intern		Designer		Project Totals		
	Man Hours	Labor Cost	Man Hours	Labor Cost	Man Hours	Labor Cost	Man Hours	Labor Cost	Hours	Costs	
<b>TASK 1 - DATA COLLECTION</b>											
1a Traffic Data (AM, MD and PM Peak Hour Counts)	1	\$ 180.77	0	\$ -	9	\$ 721.71	0	\$ -	10	\$ 902.48	
1b Field Reviews	4	\$ 723.08	4	\$ 426.64	8	\$ 641.52	0	\$ -	16	\$ 1,791.24	
<b>Subtotal</b>	<b>5</b>	<b>\$ 903.85</b>	<b>4</b>	<b>\$ 426.64</b>	<b>17</b>	<b>\$ 1,363.23</b>	<b>0</b>	<b>\$ -</b>	<b>26</b>	<b>\$ 2,693.72</b>	
<b>TASK 2 - PROJECT GENERAL TASKS</b>											
2a Meetings	4	\$ 723.08	4	\$ 426.64	0	\$ -	0	\$ -	8	\$ 1,149.72	
2b Project Administration / Coordination	4	\$ 723.08	2	\$ 213.32	0	\$ -	0	\$ -	6	\$ 936.40	
2c QA/QC	8	\$ 1,446.16	8	\$ 853.28	4	\$ 320.76	0	\$ -	20	\$ 2,620.20	
<b>Subtotal</b>	<b>16</b>	<b>\$ 2,892.32</b>	<b>14</b>	<b>\$ 1,493.24</b>	<b>4</b>	<b>\$ 320.76</b>	<b>0</b>	<b>\$ -</b>	<b>34</b>	<b>\$ 4,706.32</b>	
<b>TASK 3 - SIGNALIZATION ANALYSIS AND PLANS</b>											
3a Traffic Data Analysis	0	\$ -	4	\$ 426.64	4	\$ 320.76		\$ -	8	\$ 747.40	
3b Signal Design Analysis	4	\$ 723.08	8	\$ 853.28	12	\$ 962.28	16	\$ 1,083.84	40	\$ 3,622.48	
3c Interconnect Design Analysis	4	\$ 723.08	8	\$ 853.28	12	\$ 962.28	16	\$ 1,083.84	40	\$ 3,622.48	
3d Overhead Street Name Sign Design	1	\$ 180.77	1	\$ 106.66	10	\$ 801.90	0	\$ -	12	\$ 1,089.33	
3e Pole Elevation Analysis	1	\$ 180.77	1	\$ 106.66	0	\$ -	0	\$ -	2	\$ 287.43	
3f Quantities	2	\$ 361.54	4	\$ 426.64	2	\$ 160.38	0	\$ -	8	\$ 948.56	
3g Cost Estimate	2	\$ 361.54	4	\$ 426.64	2	\$ 160.38	0	\$ -	8	\$ 948.56	
3h Specifications	4	\$ 723.08	4	\$ 426.64	8	\$ 641.52	0	\$ -	16	\$ 1,791.24	
3i Railroad Coordination	8	\$ 1,446.16	8	\$ 853.28	0	\$ -	0	\$ -	16	\$ 2,299.44	
Signal Plans	Sheets										
Key Sheet	1	0	\$ -	0	\$ -	0	\$ -	4	\$ 270.96	4	\$ 270.96
Tabulation of Quantities	1	0	\$ -	0	\$ -	4	\$ 320.76	4	\$ 270.96	8	\$ 591.72
General Notes	1	2	\$ 361.54	4	\$ 426.64	2	\$ 160.38	0	\$ -	8	\$ 948.56
Plan Sheet	1	0	\$ -	2	\$ 213.32	2	\$ 160.38	0	\$ -	4	\$ 373.70
Interconnect Plan Sheets	2	0	\$ -	2	\$ 213.32	2	\$ 160.38	4	\$ 270.96	8	\$ 644.66
Guide Sign Worksheet	1	0	\$ -	0	\$ -	4	\$ 320.76	0	\$ -	4	\$ 320.76
Special Details	2	0	\$ -	4	\$ 426.64	4	\$ 320.76	8	\$ 541.92	16	\$ 1,289.32
Mast Arm Tabulation Sheet	1	1	\$ 180.77	0	\$ -	0	\$ -	3	\$ 203.22	4	\$ 383.99
Utility Conflict Sheet	6	1	\$ 180.77	3	\$ 319.98	0	\$ -	4	\$ 270.96	8	\$ 771.71
<b>Subtotal</b>	<b>30</b>	<b>\$ 5,423.10</b>	<b>57</b>	<b>\$ 6,079.62</b>	<b>68</b>	<b>\$ 5,452.92</b>	<b>59</b>	<b>\$ 3,996.66</b>	<b>214</b>	<b>\$ 20,952.30</b>	
<b>TASK 4 - STRUCTURAL DESIGN SERVICES - SUBCONSULTANT (LANDMARK ENGINEERING)</b>											
4a Structural Mast Arm Design - Subconsultant (Landmark Engineering)										\$ 8,000.00	
<b>Subtotal</b>										<b>\$ 8,000.00</b>	
<b>PROJECT TOTAL</b>	<b>51</b>	<b>\$ 9,219.27</b>	<b>75</b>	<b>\$ 7,999.50</b>	<b>89</b>	<b>\$ 7,136.91</b>	<b>59</b>	<b>\$ 3,996.66</b>	<b>274</b>	<b>\$ 36,352.34</b>	

**FEE SCHEDULE**

**Geotechnical Exploration  
 Chester Road and Paiges Dairy Road Intersection Improvements**

**Nassau County, Florida  
 UES Proposal No.  
 08/31/16**

Task	Quantity	Units	Fee Per Unit	Estimated Fee	
<b>GEOTECHNICAL PROFESSIONAL SERVICES</b>					
Senior Engineer	3	hour(s)	\$121.64	\$364.92	
Project Engineer	10	hour(s)	\$111.77	\$1,117.70	
Technical Secretary	1	hour(s)	\$40.00	\$40.00	
Drafting	2	hour(s)	\$61.42	\$122.84	
Senior Engineering Technician - Utility Locates	2	hour(s)	\$66.64	\$133.28	
			Subtotal:	<b>\$1,778.74</b>	
<b>GEOTECHNICAL DRILLING SERVICES</b>					
Mobilization Crew and Equipment	1	each	\$400.00	\$400.00	
Mobilization - Portable Equipment	1	each	\$800.00	\$800.00	
Police/vehicle (2 persons @ 8 hours)	16	hours	\$60.00	\$960.00	
Truck Mounted Attenuator	1	day	\$900.00	\$900.00	
Coring Equipment	1	day	\$100.00	\$100.00	
SPT Borings - Truck (4 @ 25')	0-50	100	feet	\$11.00	\$1,100.00
SPT Borings - Portable Equipment (2 @ 20')	50-75	40	feet	\$18.00	\$720.00
Static Cone Penetrometer	0	feet	\$14.00	\$0.00	
Auger Borings (2 @ 6', 2 @ 15')	42	feet	\$9.50	\$399.00	
Grout	0	feet	\$5.00	\$0.00	
Additional Samples	0	each	\$25.00	\$0.00	
Obtain 6-inch Shelby Tube	0	each	\$25.00	\$0.00	
Double Ring / Field Cased Perm	0	each	\$450.00	\$0.00	
Asphalt Cores	19	each	\$60.00	\$1,140.00	
			Subtotal:	<b>\$6,519.00</b>	
<b>GEOTECHNICAL LABORATORY TESTING</b>					
Particle Size Analysis	4	each	\$70.00	\$280.00	
Organic Content	2	each	\$35.00	\$70.00	
Moisture Content	6	each	\$8.00	\$48.00	
Atterberg Limits	1	each	\$100.00	\$100.00	
Corrosion Testing	0	each	\$125.00	\$0.00	
			Subtotal:	<b>\$498.00</b>	
			<b>TOTAL:</b>	<b>\$8,795.74</b>	



ENVIRONMENTAL SERVICES, INC.

**PROPOSAL FOR SERVICES  
ESI PROJECT NO. EJ16279.00**

The following Contract for Services is an agreement between Environmental Services, Inc., (ESI) and Connelly & Wicker, Inc., (Client) with the terms specified herein. Client agrees that the company/individual signing this agreement has the ability to compensate ESI for the work described herein whether or not the proposed project materializes. ESI agrees to perform the following tasks for the associated fee.

**Project Name:** Pages Dairy Road & Chester Road Intersection  
**Project Location:** Nassau County, Florida

**SCOPE OF SERVICES**

**FEE**

**Task 1. Wetland Delineation** **\$2,500.00**

ESI will field delineate the limits of jurisdictional wetlands pursuant to the current methodologies of the U.S. Army Corps of Engineers [(ACOE) 2010 Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region (Version 2.0)], Florida Department of Environmental Protection (FDEP) and St. Johns River Water Management District [(SJRWMD) Florida Unified Wetland Delineation Methodology, Chapter 62-340, F.A.C.]. We will provide you and your chosen land surveyor with a flagging key map showing the approximate location of the jurisdictional line.

*This task does not include the formal mapping of the wetland boundary. A licensed land surveyor must perform this mapping.*

**Task 2. Meetings and Consultation** **Time & Materials**

ESI will participate in project progress meetings and meetings with regulatory agency staff as requested. Additional services not specifically addressed above will be billed on a time and materials basis as requested.

Additional services not specifically addressed herein will be invoiced on a time and materials basis at standard ESI hourly rates. We will provide you with a written proposal for these tasks if, or when, they become necessary. We are prepared to proceed upon receipt of the signed contract.

ESI is committed to providing quality service to our clients. Every project is reviewed by a senior technical manager to ensure that the work has been performed in compliance with our goal of providing superior service and solutions to our clients.

**CONTRACT FEE SUMMARY FORMAT FOR DEPT. OF PUBLIC WORKS  
NASSAU COUNTY, FLORIDA**

PART I - GENERAL				
<b>1. Project</b> Pages Dairy Road Widening			<b>2. Contract Number</b> Bid No. NC16-020	
<b>3. Name of Consultant</b> Connelly & Wicker Inc.			<b>4. Date of Proposal</b> 08/31/16	
PART II - LABOR RELATED COSTS				
<b>5. Direct Labor</b>	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Chief Engineer	\$223.83	142	\$ 31,783.86	
Project Manager/EOR	\$116.49	142	\$ 16,541.58	
Engineer	\$109.24	498	\$ 54,401.52	
Sr. Designer	\$74.59	356	\$ 26,554.04	
Designer	\$64.38	142	\$ 9,141.96	
Sr. Technician	\$75.48	142	\$ 10,718.16	
<b>TOTAL</b>	\$104.88	1422		\$149,141.12
<b>6. Overhead (Combined Fringe Benefit &amp; Administrative)</b>			Overhead Rate	
			Total Direct Labor	-
<b>7. SUBTOTAL: Labor + Overhead (Items 5 &amp; 6)</b>				-
<b>8. PROFIT: Labor Related Costs (Item 7)</b>			(Labor + Overhead)	
				-
PART III - OTHER COSTS				
<b>9. Miscellaneous Direct Costs</b>				
Transportation			\$	0.00
Permit Fee			\$	0.00
Reproduction			\$	0.00
Shipping & Mail			\$	0.00
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$0.00
<b>10. Sub Consultants</b>				
DRMP, Inc.			\$	185,580.37
Universal Engineering Sciences			\$	23,357.34
Environmental Services, Inc.			\$	3,000.00
SUB-CONSULTANT SUB-TOTAL				\$211,937.71
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$361,078.83
<b>11. REIMBURSABLE COSTS (Limiting Amount)</b>				
Post Design Services			\$	10,000.00
SUB-TOTAL REIMBURSABLES				\$10,000.00
PART IV - SUMMARY				
TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5 and 10)				\$371,078.83

**ESTIMATE OF WORK EFFORT AND FEE FOR  
CONSTRUCTION PLANS**

CONSULTANT: Connelly & Wicker Inc.				NAME OF PROJECT: Pages Dairy Road Widening						
Contract Number: Bid No. NC16-020				BETWEEN: Chester Road						
Prepared: August 31, 2016				AND: Felmor Road						
Estimator's Name: Waltermyer				LENGTH:						
No. / ACTIVITY	Chief Engineer		Project Manager/EOR		Engineer		Sr. Designer		Designer	
	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST
	RATE =	\$223.83	RATE =	\$116.49	RATE =	\$109.24	RATE =	\$74.59	RATE =	\$64.38
113 Plan Prep.	136	\$30,440.88	136	\$15,842.64	477	\$52,107.48	341	\$25,435.19	136	\$8,755.68
109 Drainage Design	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
114 Permitting	6	\$1,342.98	6	\$698.94	21	\$2,294.04	15	\$1,118.85	6	\$386.28
115 Post Design Services	8	\$1,790.64	16	\$1,863.84	16	\$1,747.84	24	\$1,800.48	20	\$1,287.60
<b>TOTAL</b>	<b>150</b>	<b>\$33,574.50</b>	<b>158</b>	<b>\$18,405.42</b>	<b>514</b>	<b>\$56,149.36</b>	<b>380.1383</b>	<b>\$28,354.52</b>	<b>162</b>	<b>\$10,429.56</b>

No. / ACTIVITY	Sr. Technician		0		MAN HOURS	SALARY	AVG.	SALARY
	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	BY ACTIVITY	COST BY ACTIVITY	HOURLY COST	DIST. %
	RATE =	\$75.48	RATE =	\$0.00				
113 Plan Prep.	136	\$10,265.28	0	\$0.00	1362	\$142,847.15	\$104.88	89.8
109 Drainage Design	0	\$0.00	0	\$0.00	0	\$0.00	\$0.00	0.0
114 Permitting	6	\$452.88	0	\$0.00	60	\$6,293.97	\$104.90	4.0
115 Post Design Services	20	\$1,509.60	0	\$0.00	0	\$10,000.00	#DIV/0!	6.3
<b>TOTAL</b>	<b>162</b>	<b>\$12,227.76</b>	<b>0</b>	<b>\$0.00</b>	<b>1422</b>	<b>\$159,141.12</b>	<b>\$111.91</b>	<b>100.0</b>

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: Pages Dairy/Chester Road Widening - Pages Dairy Project  
 County: Nassau  
 FPN: N/A  
 FAP No.: ?

Consultant Name: DRMP, Inc.  
 Consultant No.: enter consultants proj. number  
 Date: 9/6/2016  
 Estimator: Glenn J. Lusmk, PSM

Staff Classification	Total Staff Hours From "SH Summary - Firm"	Project Manager	Senior Surveyor & Mapper	Surveyor & Mapper	Survey Technician	Secretary/Clerical	Staff Classification 6	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH	Salary	Average
							\$0.00	\$184.01	\$124.19	\$90.83	\$74.06	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3. Project General and Project Common Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, Compliance & Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwg, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Architecture Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	405	0	0	142	243	20	0	0	0	0	0	0	0	405	\$42,508	\$105.20
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Terrestrial Mobile LiDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	<b>405</b>	<b>0</b>	<b>0</b>	<b>142</b>	<b>243</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>405</b>		
<b>Total Staff Cost</b>		<b>\$0.00</b>	<b>\$0.00</b>	<b>\$19,054.98</b>	<b>\$22,071.69</b>	<b>\$1,481.20</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>\$42,607.87</b>	<b>\$105.20</b>

Survey Field Days by Subconsultant  
 3 - Person Crew:

SALARY RELATED COSTS:				
OVERHEAD:	0%		\$42,607.87	
OPERATING MARGIN:	0%		\$0.00	
FCM (Facilities Capital Cost Money):	0.00%		\$0.00	
EXPENSES:	0.00%		\$0.00	
Survey (Field - if by Prime)	60	3-man crew days @	\$110,256.00	
SUE Services	15	3-man crew days @	\$32,718.50	
<b>SUBTOTAL ESTIMATED FEE:</b>			<b>\$185,580.37</b>	
Subconsultant: Enter Name Sub 1			\$0.00	
Subconsultant: Sub 2			\$0.00	
Subconsultant: Sub 3			\$0.00	
Subconsultant: Sub 4			\$0.00	
Subconsultant: Sub 5			\$0.00	
Subconsultant: Sub 6			\$0.00	
Subconsultant: Sub 7			\$0.00	
Subconsultant: Sub 8			\$0.00	
Subconsultant: Sub 9			\$0.00	
Subconsultant: Sub 10			\$0.00	
Subconsultant: Sub 11			\$0.00	
Subconsultant: Sub 12			\$0.00	
<b>SUBTOTAL ESTIMATED FEE:</b>			<b>\$185,580.37</b>	
Geotechnical Field and Lab Testing			\$0.00	
<b>SUBTOTAL ESTIMATED FEE:</b>			<b>\$185,580.37</b>	
Optional Services			\$0.00	
<b>GRAND TOTAL ESTIMATED FEE:</b>			<b>\$185,580.37</b>	

- Notes:  
 1. This sheet to be used by Prime Consultant to calculate the Grand Total fee.  
 2. Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

REVISED 9/6/16

**FEE SCHEDULE**

**Geotechnical Exploration  
 Paiges Dairy Road Widening**

**Nassau County, Florida  
 UES Proposal No.  
 09/01/16**

Task	Quantity	Units	Fee Per Unit	Estimated Fee	
<b>GEOTECHNICAL PROFESSIONAL SERVICES</b>					
Senior Engineer	8	hour(s)	\$121.64	\$973.12	
Project Engineer	22	hour(s)	\$111.77	\$2,458.94	
Engineering Intern	16	hour(s)	\$72.71	\$1,163.36	
Technical Secretary	2	hour(s)	\$40.00	\$80.00	
Drafting	4	hour(s)	\$61.42	\$245.68	
Senior Engineering Technician - Utility Locates	4	hour(s)	\$66.64	\$266.56	
Subtotal:				<b>\$5,187.66</b>	
<b>GEOTECHNICAL DRILLING SERVICES</b>					
Mobilization Crew and Equipment	0	each	\$400.00	\$0.00	
Mobilization - Portable Equipment	0	each	\$800.00	\$0.00	
Mobilization - Core Rig	1	each	\$110.00	\$110.00	
Police/vehicle (2 persons @ 8 hours)	32	hours	\$60.00	\$1,920.00	
Truck Mounted Attenuator	16	hours	\$250.00	\$4,000.00	
SPT Borings - Truck	0-50	0	feet	\$11.00	\$0.00
SPT Borings - Portable Equipment	50-75	0	feet	\$18.00	\$0.00
Static Cone Penetrometer	0	feet	\$14.00	\$0.00	
Auger Borings (72 @ 5 ft)	360	feet	\$9.50	\$3,420.00	
Grout	0	feet	\$5.00	\$0.00	
Senior Engineering Technician (Base Thickness)	12	hours	\$66.64	\$799.68	
Obtain 6-inch Shelby Tube	0	each	\$25.00	\$0.00	
Double Ring / Field Cased Perm	0	each	\$450.00	\$0.00	
Asphalt Cores	25	each	\$60.00	\$1,500.00	
Subtotal:				<b>\$11,749.68</b>	
<b>GEOTECHNICAL LABORATORY TESTING</b>					
Particle Size Analysis	20	each	\$70.00	\$1,400.00	
Organic Content	5	each	\$35.00	\$175.00	
Moisture Content	25	each	\$8.00	\$200.00	
Atterberg Limits	6	each	\$100.00	\$600.00	
LBR	8	each	\$275.00	\$2,200.00	
Chloride content	9	each	\$75.00	\$675.00	
sulfate content	9	each	\$50.00	\$450.00	
pH	9	each	\$25.00	\$225.00	
resistivity	9	each	\$55.00	\$495.00	
Subtotal:				<b>\$6,420.00</b>	
<b>TOTAL:</b>				<b>\$23,357.34</b>	



ENVIRONMENTAL SERVICES, INC.

**PROPOSAL FOR SERVICES  
ESI PROJECT NO. EJ16279.01**

The following Contract for Services is an agreement between Environmental Services, Inc., (ESI) and Connelly & Wicker, Inc., (Client) with the terms specified herein. Client agrees that the company/individual signing this agreement has the ability to compensate ESI for the work described herein whether or not the proposed project materializes. ESI agrees to perform the following tasks for the associated fee.

**Project Name: Pages Dairy Road Widening**  
**Project Location: Nassau County, Florida**

**SCOPE OF SERVICES**

**FEE**

**Task 1. Wetland Delineation**

**\$3,000.00**

ESI will field delineate the limits of jurisdictional wetlands pursuant to the current methodologies of the U.S. Army Corps of Engineers [(ACOE) 2010 Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region (Version 2.0)], Florida Department of Environmental Protection (FDEP) and St. Johns River Water Management District [(SJRWMD) Florida Unified Wetland Delineation Methodology, Chapter 62-340, F.A.C.]. We will provide you and your chosen land surveyor with a flagging key map showing the approximate location of the jurisdictional line.

*This task does not include the formal mapping of the wetland boundary. A licensed land surveyor must perform this mapping.*

**Task 2. Meetings and Consultation**

**Time &  
Materials**

ESI will participate in project progress meetings and meetings with regulatory agency staff as requested. Additional services not specifically addressed above will be billed on a time and materials basis as requested.

Additional services not specifically addressed herein will be invoiced on a time and materials basis at standard ESI hourly rates. We will provide you with a written proposal for these tasks if, or when, they become necessary. We are prepared to proceed upon receipt of the signed contract.

ESI is committed to providing quality service to our clients. Every project is reviewed by a senior technical manager to ensure that the work has been performed in compliance with our goal of providing superior service and solutions to our clients.



**Nassau County Engineering Services Department**  
**96161 Nassau Place**  
**Yulee, Florida 32097**

*J. Scott Herring, P.E.*  
*Public Works Director*

November 30, 2016

Sent via email:  
[welch@cwienq.com](mailto:welch@cwienq.com)

Rick Welch, P.E.  
 President  
 Connelly & Wicker, Inc.  
 10060 Skinner Lake Drive, Suite 500  
 Jacksonville, Florida 32246

Subject: Notice to Proceed  
 Engineering Design Services for the Pages Dairy/Chester Road Intersection  
 Improvement Project  
 Contract No. CM2371

Dear Mr. Welch,

This letter shall serve as the official Notice to Proceed for the Engineering Design Services for the Pages Dairy/Chester Road Intersection Improvement Project, Nassau County Contract No. CM2371. The effective date of the Notice to Proceed is hereby established as November 30, 2016.

All work must be conducted in accordance with the agreement referenced above.

If you have any questions, please do not hesitate to contact me.

Sincerely,

Becky Bray, P.E.  
 Engineer III

Cc: J. Scott Herring, P.E., Public Works Director  
 Jonathan Page, P.E., Engineer III  
 David Pensante, Contracts Manager

16 DEC - 1 AM 8:13

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