

**WORK AUTHORIZATION # CM2287-WA11
NASSAU COUNTY
BOARD OF COUNTY COMMISSIONERS
RFQ/BID NO. NC14-027**

Consultant:	Peters and Yaffee, Inc.
Contract Number:	CM2287-WA11
Contact Name:	Dow Peters
Contact Number:	904-265-0751
Email:	dpeters@petersandyaffee.com

CURRENT WORK AUTHORIZATION			
Project Short Title: US 17 and William Burgess Boulevard FDOT ICE Analysis			
		CONTRACT OVERVIEW	
Date Submitted	4/7/20	Total of Previous Authorizations	\$699,416.15
Amount	\$44,579.92	This Work Authorization	\$44,579.92
Scheduled Completion	22 Weeks	Current Contract Total	\$743,996.07

This Work Authorization is to the AGREEMENT between Nassau County and the Consultant known as the Continuing Contract for Construction Engineering Inspection (CEI) Services for Nassau County, Florida, dated May 9, 2016. The services to be provided under this Work Authorization are as follows:

ARTICLE 1. Services Described as:

The Consultant shall provide an Intersection Control Evaluation (ICE) analysis required by FDOT for the US 17 and William Burgess intersection in accordance with the proposal dated April 07, 2019, attached hereto as Exhibit "A".

ARTICLE 2. Time Schedule

The Consultant shall begin upon execution of this Work Authorization with an estimated duration of 22 Weeks to complete the analysis.

ARTICLE 3. Budget

The Consultant and its subconsultants will perform the scope of services outlined herein for the lump sum amount of \$44,579.92. The Consultant and Subconsultant fee amounts are detailed further in Exhibit "B". The Consultant will be using billing rates established under Continuing Contract CM2287.

Article 4. Other Provisions

The Services covered by this Work Authorization will be performed in accordance with the provisions set forth in the AGREEMENT referenced above and any of its attachments or schedules. Additional terms or contract provisions whether submitted purposely or

inadvertently, shall have no force or effect. This Work Authorization will become a part of the referenced AGREEMENT when executed by both parties.

In presenting this Work Authorization, the Consultant agrees that:

Unless detailed herein, all drawings, data, electronic files and other information required for this Work Authorization has been accepted by Consultant. Specifically, all electronic files have been reviewed and accepted for the purposes of this Work assignment. Any additional information, including detailed scope of services are attached.

AGREED TO BY:

BY: 

Print Name: Dow Peters, PE

Title: President

Date: 4/14/2020

RECOMMENDED AND APPROVED BY NASSAU COUNTY:

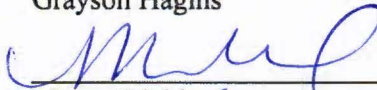
County Engineer:


Department Head or Designee

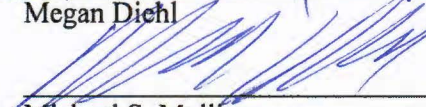
Contract Management:

Grayson Hagins approve via email attached 4/14/2020
Grayson Hagins

Office of Management & Budget:

 2/12/20
Megan Diehl

County Manager:

 4/14/20
Michael S. Mullin

Ex-Officio Clerk:

N/A
John Crawford

County Attorney:

 4/14/20
Michael S. Mullin

APPROVED by the BOARD OF COUNTY COMMISSIONERS or their Designee, this
19 day of April, 2020.

BOARD OF COUNTY COMMISSIONERS
NASSAU COUNTY, FLORIDA

N/A
Daniel B. Leeper
Chairman

ACCOUNT NO.: 63470541-563365 WBEXT



April 7, 2020

via email: rcompanion@nassaucountyfl.com

Robert T. Companion, P.E.
County Engineer
Nassau County
96161 Nassau Place
Yulee, FL 32097

RE: Proposal for Nassau County General Engineering Consulting - US 17 and William Burgess Boulevard - FDOT ICE Analysis

Mr. Companion,

Peters and Yaffee, Inc. appreciates this opportunity to propose our services in connection with this important project. Enclosed, please find a copy of our Scope of Services, Compensation and Agreement for Professional Services for your review. If the proposal is acceptable to you, please execute and return to Peters and Yaffee as our notice to proceed with the included services.

Should you have any questions concerning the information provided, please do not hesitate to contact us.

Sincerely,

A handwritten signature in blue ink, appearing to read "Russell Yaffee". The signature is stylized and cursive.

Russell Yaffee, PE, PTOE
Vice President

Peters and Yaffee, Inc.
9822 Tapestry Park Circle, Suite 205
Jacksonville, FL 32246
904.265.0751 (Phone)
904.735.6477 (Cell)

Exhibit A Scope of Services

Nassau County General Engineering Consulting US 17 and William Burgess Boulevard - FDOT ICE Analysis

INTRODUCTION

Nassau County is currently designing the proposed William Burgess Boulevard Extension east of US 17. The roadway design requires the design of appropriate intersection control at the intersection of US 17 and William Burgess Boulevard. US 17 is a two-lane roadway, William Burgess Boulevard is a two-lane roadway and the proposed William Burgess Boulevard Extension will be a two-lane roadway. An Intersection Control Evaluation (ICE) analysis is required by FDOT to determine appropriate intersection control for the US 17 and William Burgess Boulevard intersection.

Base Conditions: FDOT is currently conducting a PD&E study for the widening of US 17 between SR 200/A1A and William Burgess Boulevard. Discussion with the FDOT staff revealed that the funding for the widening of US 17 is currently not in place and may take another 15 to 20 years to secure the same. During the discussions with FDOT, it was determined that the ICE analysis be conducted under the existing conditions of US 17.

The ICE analysis is performed in three stages:

- Stage 1 - Screening
- Stage 2 - Preliminary Control Strategy Assessment
- Stage 3 - Detailed Control Strategy Assessment (*If Required*)

Stage 1 - Screening will include the following tasks:

- Determine Project Purpose and Need
- Collect and Identify data related to existing conditions (Data to be provided by GAI Consultants, including the PD&E Traffic Projections)
- Review data and conduct preliminary analysis to screen for viable control strategy
 - Conduct preliminary safety analysis (SPICE)
 - Determine CAP-X ranking
- Review Right-of-Way issues/constraints
- Identify all viable control strategies
- Submit Stage 1 ICE forms for approval by DTOE and DDE
- Proceed to Stage 2 upon approval of Stage 1 ICE forms

Stage 2 - Preliminary Control Strategy Assessment will include the following tasks:

- Prepare preliminary concept designs for viable control strategies identified in Stage 1 (We are assuming 5 control strategies will be considered)
- Evaluate each viable control strategy based on the following:
 - Opening year and design year operations

- Safety performance (HSM analysis with SPICE Tool)
- Construction Cost Estimates
- Benefit-cost analysis (using FDOT ICE Tool)
- Preliminary Right-of-Way impacts
- Preliminary Environmental
- Preliminary Utility Impacts
- Multimodal accommodations (pedestrian, bike and transit)
- Public input (If required by FDOT and Nassau County)
- Summarize analyses in Stage 2 ICE form and provide justification for identified control strategies and prepare report for submittal to FDOT
- Submit Stage 2 ICE forms for approval by DTOE and DDE
- Proceed to Stage 3 upon approval of Stage 2 ICE forms and if required by FDOT

Stage 3 - Detailed Control Strategy Assessment (If Required) will include the following tasks:

- Conduct more detailed assessment of remaining viable control strategies and collect additional data as needed to support analysis.
- Potential actions include the following:
 - Further public outreach (If required by FDOT and Nassau County)
 - Develop more detailed design
 - Conduct detailed operational analyses (microsimulation if applicable)
 - Conduct detailed cost estimates
 - Conduct additional environmental analysis if needed
- Evaluate each viable control strategy based on more detailed assessment
- Prepare Stage 3 ICE form detailing evaluation outcome and Submit to FDOT for approvals

**Exhibit B
Compensation**

**Nassau County General Engineering Consulting
US 17 and William Burgess Boulevard - FDOT ICE Analysis**

PROFESSIONAL FEES

- Stage 1 - Screening
- Stage 2 - Preliminary Control Strategy Assessment
- Stage 3 - Detailed Control Strategy Assessment (*If Required*)

Stage 1 - Screening

PY Staff (4 Hours)	\$ 592.32
CTSi Staff (49 Hours)	\$ 5,715.00
Subtotal	\$ 6,307.32

Stage 2 - Preliminary Control Strategy Assessment

PY Staff (120 Hours)	\$ 15,021.20
CTSi Staff (56 Hours)	\$ 6,800.00
Subtotal	\$ 19,869.88

Subtotal (Stages 1 and 2)

PY Subtotal (124 Hours)	\$ 15,613.52
CTSi Subtotal (142 Hours)	\$ 12,515.00
TOTAL (229 Hours)	\$ 28,128.52

Stage 3 - Detailed Control Strategy Assessment (*If Required*)

PY Staff (68 Hours)	\$ 8,331.40
CTSi Staff (66 Hours)	\$ 8,120.00
Subtotal	\$ 16,451.40

Total (Stages 1, 2 and 3)

PY Subtotal (192 Hours)	\$ 23,944.92
CTSi Subtotal (171 Hours)	\$ 20,635.00
TOTAL (363 Hours)	\$ 44,579.92

FEE RATES

Upon agreement by both parties, any additional work to be performed outside the scope of services listed within this contract will adhere to the following hourly rates:

Nassau County Approved
 RATE SCHEDULE
Peters and Yaffee, Inc.

Labor Grade	Hourly Billing Rate
PY Project Principal	\$ 214.29
Project Manager/ Sr. Engineer	\$ 182.89
Project Engineer	\$ 113.27
Engineering Intern	\$ 76.23
CADD Designer	\$ 69.91
Clerical	\$ 62.80

RATE SCHEDULE
CTSi

Labor Grade	Hourly Billing Rate
CTSi Professional Engineer	\$ 165.00
CTSi Project Engineer/ Sr. Designer	\$ 110.00
CTSi Designer/ Sr. CADD Technician	\$ 95.00
CADD Technician	\$ 65.00
Clerical	\$ 50.00

SCHEDULE

- Stage 1 - Screening
 - 2 weeks - after NTP and receiving data from GAI Consultants
 - 1 to 4 weeks - FDOT Review

- Stage 2 - Preliminary Control Strategy Assessment
 - 3 to 4 Weeks - after receiving responses from FDOT
 - 1 to 4 weeks - FDOT Review

- Stage 3 - Detailed Control Strategy Assessment (If Required)
 - 3 to 4 Weeks - after receiving responses from FDOT
 - 1 to 4 weeks - FDOT Review

- Final Approval from FDOT
 - 3 to 4 Weeks - after completion of Stage 2 or Stage 3 if Stage 3 is required

Sharon Johns

From: Robert Companion
Sent: Tuesday, April 14, 2020 10:51 AM
To: Grayson Hagins; Sharon Johns
Subject: RE: Work Authorization Needed for Peters & Yaffee
Attachments: CM2287-WA11 Peters and Yaffee Inc REVISED.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

See attached.

Robert T. Companion, PE
County Engineer
Nassau County Engineering Services
96161 Nassau Place
Yulee, FL 32097
904-530-6225 Phone
904-491-3611 Fax
rcompanion@nassaucountyfl.com

From: Grayson Hagins <ghagins@nassaucountyfl.com>
Sent: Tuesday, April 14, 2020 10:40 AM
To: Sharon Johns <sjohns@nassaucountyfl.com>
Cc: Robert Companion <rcompanion@nassaucountyfl.com>
Subject: FW: Work Authorization Needed for Peters & Yaffee

Sharon,

I approve of this WA.

Robert,

Please see the attached WA for Peters and Yaffee and sign, date and return back to Sharon to proceed.

If there are any questions, let me know. Thanks

Grayson

From: Dow W. Peters <dpeters@petersandyaffee.com>
Sent: Tuesday, April 14, 2020 10:15 AM
To: Grayson Hagins <ghagins@nassaucountyfl.com>
Cc: Robert Companion <rcompanion@nassaucountyfl.com>; Shelley Caldwell <scaldwell@nassaucountyfl.com>; Sharon Johns <sjohns@nassaucountyfl.com>; Russell Yaffee <ryaffee@petersandyaffee.com>
Subject: RE: Work Authorization Needed for Peters & Yaffee

CONTAINS EXTERNAL SENDER CONTENT: Do not open attachments unless you are expecting them and trust the sender.

- Technical Services