

**WORK AUTHORIZATION #CM2287-WA19
NASSAU COUNTY
BOARD OF COUNTY COMMISSIONERS**

Consultant:	Peters & Yaffee, Inc.
Contract Number:	CM2287-WA19
Contact Name:	Dow Peters
Contact Number:	904-265-0751
Email:	dpeters@petersandyaffee.com

CURRENT WORK AUTHORIZATION			
Project Short Title: Barnwell Manor Drainage Study			
		CONTRACT OVERVIEW	
Date Submitted	5/10/2022	Total of Previous Authorizations	\$873,489.19
Amount	\$17,335.62	This Work Authorization	\$17,335.62
Scheduled Completion	10 weeks from WA	Current Contract Total	\$890,824.81

This Work Authorization is to the AGREEMENT between Nassau County and Peters & Yaffee, Inc. (“Vendor”) for Professional Services in Nassau County, Florida, dated May 9, 2016, as amended. The services to be provided under this Work Authorization are as follows:

ARTICLE 1. Services Described as:

Vendor shall review and compare drainage calculations for the proposed Barnwell Manor Phase 3 and determine downstream impacts in accordance with the proposal dated April 28, 2022, a copy of which is attached hereto as Exhibit “A”.

ARTICLE 2. Time Schedule

Vendor anticipates the starting date to be 2 weeks from receipt of execution of this Work Authorization with an estimated duration of 8 weeks to complete the Scope of Work.

ARTICLE 3. Budget

Vendor will perform the services outlined herein for the lump sum amount of \$17,335.62. Vendor’s fee amounts are detailed further in Exhibit “A”. Vendor will be using rates previously established in Contract CM2287.

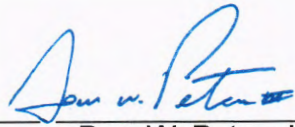
ARTICLE 4. Other Provisions

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, Vendor agrees that:

Unless detailed herein, all drawings, data, electronic files and other information required for this Work Authorization has been accepted by Vendor. 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 W. Peters III
Title: President
Date: May 19, 2022

Account number(s):

03420541-531000

RECOMMENDED AND APPROVED BY NASSAU COUNTY:

County Engineer: Robert Companion 5/25/2022
Robert T. Companion, PE

Procurement: Lanaee Gilmore 5/31/2022
Lanaee Gilmore

Office of Management & Budget: Chris Lacambra 2022 Daniel Fanger 2022
Chris Lacambra Daniel Fanger

County Manager: Taco E. Pope AICP 2022
Taco E. Pope, AICP

Ex-Officio Clerk: N/A
John A. Crawford

County Attorney: Denise C. May 6/1/2022
Denise C. May

APPROVED by the BOARD OF COUNTY COMMISSIONERS, this ____ day of _____, 2022.

BOARD OF COUNTY COMMISSIONERS
NASSAU COUNTY, FLORIDA

N/A
Aaron C. Bell
Chairman

ACCOUNT NO.:
03420541-531000



ESTIMATE OF WORK EFFORT AND FEE
Barnwell Manor Phase 3 Drainage Review - Nassau County

No. / ACTIVITY	Project Principal Rate = \$ 214.29		Project Manager Rate = \$ 182.89		Project Engineer Rate = \$ 113.27		Project Totals		
	Man Hours	Labor Cost	Man Hours	Labor Cost	Man Hours	Labor Cost	Hours	Costs	
TASK 1 - DATA COLLECTION									
1.1	Review & Compare Plans/Calculations/Permits	\$ -	2	\$ 365.78	14	\$ 1,585.78	16	\$ 1,951.56	
1.2	Determine Downstream Impacts	\$ -	2	\$ 365.78	14	\$ 1,585.78	16	\$ 1,951.56	
1.3	Review Barnwell Rd/Sandown Dr for Flooding Impacts	\$ -	2	\$ 365.78	10	\$ 1,132.70	12	\$ 1,498.48	
1.4	Field Review (1)	\$ -	4	\$ 731.56	4	\$ 453.08	8	\$ 1,184.64	
	Subtotal	0	\$ -	10	\$ 1,828.90	42	\$ 4,757.34	52	\$ 6,586.24
TASK 2 - DRAINAGE REPORT									
2.1	Drainage Report Preparation	2	\$ 428.58	2	\$ 365.78	20	\$ 2,265.40	24	\$ 3,059.76
	Subtotal	2	\$ 428.58	2	\$ 365.78	20	\$ 2,265.40	24	\$ 3,059.76
TASK 3 - MEETINGS									
3.1	Review Meeting with County Staff (1)	\$ -	4	\$ 731.56	4	\$ 453.08	8	\$ 1,184.64	
	Subtotal	0	\$ -	4	\$ 731.56	4	\$ 453.08	8	\$ 1,184.64
TASK 4 - PROJECT GENERAL TASKS									
4.1	Quality Assurance/Quality Control	4	\$ 857.16	4	\$ 731.56	4	\$ 453.08	12	\$ 2,041.80
4.2	Supervision	6	\$ 1,285.74	4	\$ 731.56		\$ -	10	\$ 2,017.30
4.3	Coordination	8	\$ 1,714.32	4	\$ 731.56		\$ -	12	\$ 2,445.88
	Subtotal	18	\$ 3,857.22	12	\$ 2,194.68	4	\$ 453.08	34	\$ 6,504.98
	Subtotal	20	\$ 4,285.80	28	\$ 5,120.92	70	\$ 7,928.90	118	\$ 17,335.62

Contract No. CM2287-WA19

EXHIBIT A
SCOPE OF SERVICES
ENGINEERING SERVICES
FOR
BARNWELL MANOR PHASE 3 DRAINAGE REVIEW
NASSAU COUNTY, FLORIDA

May 18, 2022

A. PROJECT DESCRIPTION

1. The intent of this project is to review and compare the construction plans and drainage calculations for the proposed Barnwell Manor Phase 3 development to the as-built plans and drainage calculations of the existing adjacent developments – Grande Oaks and Spanish Oaks – to determine if any discrepancies exist within the plans and/or drainage calculations. This review will also examine the effect of the proposed drainage system in relation to the existing adjacent drainage systems. The Barnwell Manor Phase 3 development is currently under construction and residents of the adjacent Grande Oaks and Spanish Oaks subdivisions have expressed concerns over the potential impact of Barnwell Manor's stormwater collection systems on the existing stormwater collection systems of Grande Oaks and Spanish Oaks.
2. The scope of this project is based on discussions with Nassau County Staff.

B. PROJECT SCOPE

1. Data Collection
 - a. *Review and Compare Plans/Calculations/Permits* – includes gathering, reviewing and comparing all available plans, calculations, permits and site visit reports/photos.
 - b. *Determine Downstream Impacts* – includes assessment of potential downstream effects arising from any discrepancies found between the two drainage systems or from the intended interaction between the two drainage systems.
 - c. *Review Barnwell Road/Sandown Dr. for Flooding Impacts* – includes assessment of this intersection based on historical, existing and proposed contours to determine if this area historically provided stormwater conveyance to the existing tidal marsh and is now impeded from doing so.

- d. *Field Review* – includes a site visit by two Peters and Yaffee personnel to review the current conditions of the two drainage systems and document any issues of concern that would indicate negative impacts from construction of the Barnwell Manor development on the adjacent Grande Oaks and Spanish Oaks subdivisions.

2. Drainage Report:

- a. The Consultant will prepare and submit a Drainage Comparison Report summarizing the findings of the review and comparison.

3. Meetings:

- a. The appropriate members of the Consulting team shall attend one review meeting with the County staff to discuss the findings of the draft Drainage Comparison Report. The purpose of these meetings is to maintain clear communication between the County and the Consultant. The Consultant shall prepare and distribute meeting minutes following each of these meetings.

4. Project General Tasks

- a. *Project Schedule* – The Consultant shall prepare and submit a project schedule for this project identifying major tasks, their duration and task relationships. The schedule shall be updated monthly and at other appropriate intervals.
- b. *Invoices/Progress Reports* – Invoices shall be prepared in the format prescribed by the County. Progress reports shall be submitted with each monthly invoice.
- c. *Quality Assurance/Quality Control* – The Consultant shall designate appropriate staff to conduct Quality Assurance/Quality Control (QA/QC) reviews of all work products prior to submittals to the County.

B. PROJECT DELIVERABLES

The Consultant shall contact the County prior to making a submission to verify the number of copies to submit. Up to five draft copies of the Drainage Comparison Report and required supporting documents will be submitted with the final submittal.

C. COMPENSATION

Peters and Yaffee, Inc. will perform the Scope of Services outlined herein for a lump sum fee of **\$17,335.62**. A breakdown of the fees is below.

Firm Name	Role	Fee Amount
Peters and Yaffee	Prime Consultant	\$17,335.62
TOTAL		\$17,335.62

D. COUNTY RESPONSIBILITIES

1. Documents – The County shall provide access to any available plans, maps, survey data and other pertinent information under its control essential to the satisfactory completion of the work indicated herein.
2. Reviews – The County will provide timely reviews of the Consultant's work in accordance with the schedule agreed upon between the County and the Consultant. Each review period by the county shall be two weeks, at which time all comments will be forwarded to the Consultant.

E. ASSUMPTIONS

1. This effort does not include delineation of wetland areas, identification of threatened or endangered species or any other environmental services.
2. This effort does not include any survey actions or deliverables.
3. This effort does not include generation of cost estimates.

