

EXPLANATION OF CONSENT AGENDA ITEM E.2.c. (19) July 29, 2015

ITEM:

Consideration of approving a purchase order to ATKINS North America under their continuing Biological and Ecological services contract for consulting services on wetland assessment/compensatory mitigation options, in the amount not to exceed \$35,905 (Noble/Hicks)

EXPLANATION:

Background: For planning purposes, the real estate department has been investigating development potential of CPA properties. It is desired that parcels previously identified with wetlands be assessed to understand development restrictions and/or impact potential. It is also desirable to understand the compensatory mitigation potential on CPA properties, so that, when possible, early mitigation efforts can be established for regulatory credit.

With Commission approval, under their continuing contract for Biological and Ecological services, ATKINS will evaluate 3 distinct locations (see attached proposal with exhibits), two for direct impact and one as a potential mitigation site. The evaluation for wetland impact areas include the area for a potential connector roadway corridor extending from the southern terminus of Columbia Avenue to an indeterminate connection point within the City of Cape Canaveral and the vacant CPA barge canal parcel at 1350 Sea Ray Drive. The third area, a potential mitigation site, is located southwest of the SR 528 / A1A and George King Boulevard interchange. The ATKINS proposal (attached) includes conceptual regulatory evaluations, known as UMAM (Uniform Mitigation Assessment Method) for these areas and rough estimate of costs associated with compensatory mitigation.

Funding Review by Finance (Pat Poston):

The total NTE amount of \$35,906 is will exceed the FY15 Capital Budget by 21,041. If this item is approved the Capital budget will be increased by \$21,100. [Budget item 2005 - Cove Roads Phase 2]

Staff recommends approval.

Prepared by Carol Noble

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**Proposal to Provide
Ecological Services
for
SouthPort Improvements
Port Canaveral, Florida**

This purchase order and the parties rights and responsibilities thereof are further governed by the Continuing Professional Services Agreement dated February 4, 2014, which terms are incorporated herein by reference. The proposed services are based on email communications and exhibits provided.

PROJECT APPROACH

The scope of services is for Ecological Services for site development support of Wetland impacts. Any scope related to conceptual engineering analysis of a Regional Pond Expansion is excluded.

The Ecological Services for Wetland impact analysis is also twofold. It involves the analysis of 3 distinct locations (see attached exhibits) for 2 (two) direct impact areas and assessment of 1 (one) potential mitigation site as an offset to development of the 2 (two) impact areas. The first wetland impact area is for future development of a connector roadway corridor extending from the southern terminus of Columbia Avenue (within CPA jurisdiction) to an indeterminate connection point within the City of Cape Canaveral jurisdiction. The second impact area is located north of SR 528 / Sea Ray (NW of the Interchange of SR 528 and N Banana River Drive), south of the Barge Canal for unspecified development impacts to a +/- 50 acre land tract. The third area, a potential mitigation site, is located southwest of the SR 528 / A1A and George King Boulevard interchange.

SECTION I SCOPE OF SERVICES (SEE SECTION III FOR EXCLUSIONS)

TASK 1-WETLAND IMPACT ANALYSIS - SITE DEVELOPMENT/MITIGATION OPTIONS

1.1 - Initial site field investigation and aerial mapping of wetlands

This assumes assessment of the east parcel (see exhibit). Physical field assessment and GPS mapping are the services to be provided.

1.2 - CPA Real Estate Meetings

ATKINS will assess / utilize aerial and CPA Boundary maps to develop conceptual planning discussions / exhibits for up to 3 areas for potential compensatory mitigation project(s). Initial meeting to identify potential locations and follow-up coordination is included.

1.3 - Conceptual Mitigation Plan Options and Conceptual UMAM

ATKINS will provide 3 (three) conceptual mitigation plan options for conceptual UMAM for each potential compensatory mitigation area from sites selected for mitigation planning and UMAM evaluation from initial CPA real estate meeting. Services include site visit for existing UMAM

calculations, mitigation enhancement/restoration planning, GIS exhibits and UMAM evaluation existing conditions vs. post mitigation

1.4 – Conceptual Cost Estimating

ATKINS will provide a rough order of magnitude costs for each mitigation compensation area plan. ATKINS will develop mitigation implementation cost schedule for each proposed mitigation site (up to three sites).

1.5 – Barge Canal Site Conceptual UMAM Evaluation

ATKINS will assess potential wetland impacts using existing wetland delineation/survey maps and provide a conceptual UMAM evaluation. Services will include conducting a site visit for UMAM assessment, create UMAM sheets, create site map/ exhibit.

Ecological Assessment Proposal Assumptions:

Ecological scope and budget assumes that the CPA will clear access to the development and mitigation sites for ATKINS field inspections, and that parcel boundary information is provided for mitigation planning services.

The scope assumes ATKINS will complete a wetland delineation of the east development site, but does *not include onsite wetland delineations of the three conceptual mitigation areas or the barge canal parcel.*

This scope also does not include listed/protected species surveys, or vegetation mapping services.

SECTION II – COMPENSATION

A. CONSULTANT’s total compensation for the Basic Services set forth herein shall be lump sum and distributed as follows:

TASKS SUMMARY

1.1 - Initial Field Investigation	A Lump Sum of \$ 3,050
1.2 - Real Estate Coordination	A Lump Sum of \$ 2,000
1.3 - Conceptual Mitigation Options	A Lump Sum of \$ 22,755
1.4 - Conceptual Mitigation Cost Estimation	A Lump Sum of \$ 4,950
1.5 - Barge Canal Site – Conceptual UMAM	A Lump Sum of \$ 3,150
TOTAL:	A Lump Sum of \$ 35,905

Expenses – Governed by continuing contract

PORT CANAVERAL, FLORIDA

Atkins

By: _____
Authorized Port Staff Personnel or
As approved by Commission on:

By: _____
Atkins Appointee,
Print Name: William K. Jones, PE
Vice President

Date: _____

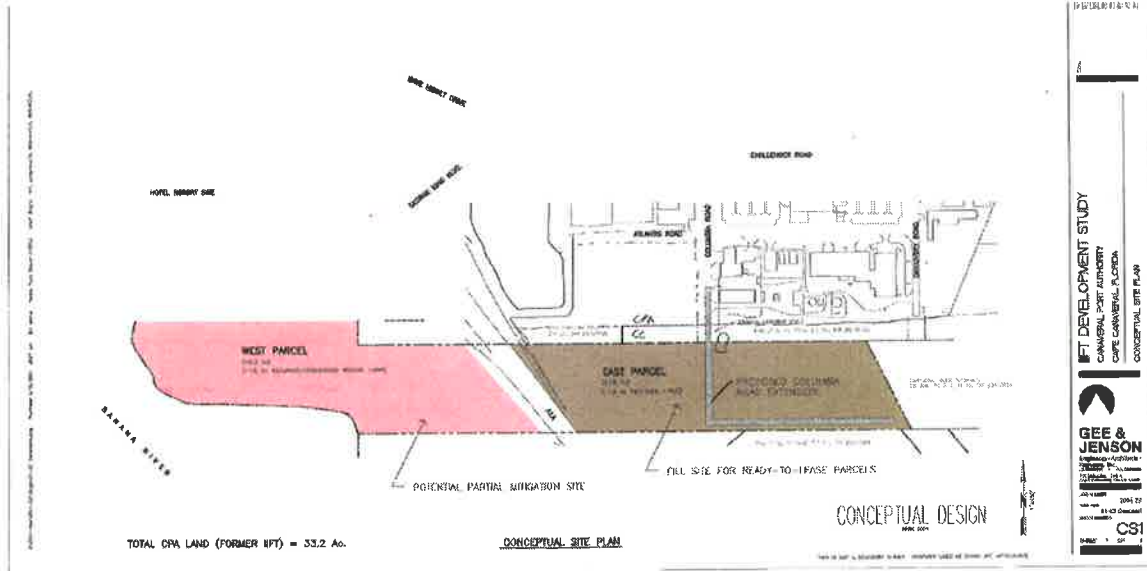
Date: _____

SECTION III – ADDITIONAL SERVICES, ASSUMPTIONS, EXCLUSIONS, CLIENT RESPONSIBILITIES

Assumptions made in development of this scope of services are identified below. These additional services may be included if authorized in writing by the CPA.

- 1) Participation by one or more of ATKINS's staff with special expertise in a technical committee convened by the CPA to discuss and develop design approaches and standards aside from what is stated in the scope of services.
- 2) Constructable design drawings or permitting of any kind are excluded.
- 3) Site structural (pile, sheet pile design, etc) are excluded.
- 4) Bidding and Construction Administrative Services are excluded.
- 5) Design and assistance to the CPA in the evaluation, selection, and design of CPA security systems (license plate readers, fiber optics) and/or ATFP elements such as security fencing, pop up barriers, traffic control devices such as gate arms, or traffic management security controls, and other related systems are not included.
- 6) Field checking, revision, submittal, and review of previously approved Final Design Documents if made necessary by the passage of time or known changes in site conditions prior to bidding; or other CPA directed revisions of previously approved documents or *finalization of conceptual documents*.
- 7) Preparation of hardscape sketches, hardscape plans, and special design features including but not limited to Port specific signage (no special signage), water features, fountains, and gateway bridges, covered canopies are not included in this scope of services.
- 8) Project phasing plans and phasing cost estimates are excluded.
- 9) Wetlands, mitigation permitting, consumption use permitting (CUP), or threatened, endangered, and species of special concern with regulatory agencies not included in this scope.
- 10) It is assumed that any required Maintenance of Traffic Plans will be the responsibility of the contractor.
- 11) Transportation engineering services such as traffic studies, signal retiming, and future land use planning are not included in this scope.
- 12) Surveying (by licensed Surveyor and per MTS) and Geotechnical services are not included in this scope of services.
- 13) Services not specifically listed in this scope of services are not included in this scope of services.
- 14) Pavement Design is excluded.
- 15) Landscape, irrigation, and lighting plans are excluded.
- 16) Conceptual Excludes consideration of areas not within immediate proximity to "The Cove".
- 17) Microsoft Schedule project tracking during design is excluded.
- 18) Assumes no FDOT permitting or involvement.

EXHIBITS – SOUTHPORT SITE



CONCEPTUAL DEVELOPMENT PLAN FOR EAST IITF PARCEL

NOTES:
 1. THE APPROXIMATE WETLAND LINES ARE BASED UPON WETLAND JURISDICTIONALS APPROVED BY DEP AND THE COC IN THE WACB.

EXHIBITS – BARGE CANAL SITE



DESCRIPTION:
 This plan shows the proposed layout of the Barge Canal and associated wetlands. The canal is shown as a dashed line, and the wetlands are labeled as WETLAND 'C' and WETLAND 'A'. The plan also shows the location of SEA BAY DRIVE and STATE ROAD No. 526.

SURVEYOR'S NOTES:
 1. The survey was conducted on the 15th day of August, 2014.
 2. The survey was conducted by the undersigned, a duly licensed Professional Surveyor in the State of Texas.
 3. The survey was conducted in accordance with the provisions of the Texas Surveying Act, Chapter 81, Texas Occupations Code, and the Rules and Regulations of the State Board of Professional Engineers and Surveyors.

SURVEYOR'S CERTIFICATION:
 I, the undersigned, do hereby certify that I am a duly licensed Professional Surveyor in the State of Texas, and that I have personally supervised the execution of the survey shown on this plan.

LEGEND:
 1. 1/4 Section 22, Block 10, Subdivision 1, Tract 10,000 Acres, Original Survey of 1882, as amended.
 2. 1/4 Section 22, Block 10, Subdivision 1, Tract 10,000 Acres, Original Survey of 1882, as amended.
 3. 1/4 Section 22, Block 10, Subdivision 1, Tract 10,000 Acres, Original Survey of 1882, as amended.
 4. 1/4 Section 22, Block 10, Subdivision 1, Tract 10,000 Acres, Original Survey of 1882, as amended.
 5. 1/4 Section 22, Block 10, Subdivision 1, Tract 10,000 Acres, Original Survey of 1882, as amended.

ABBREVIATIONS:
 C-1000
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CANADIAN PORT AUTHORITY 12000 Highway 100 Houston, Texas 77034 Telephone: (281) 280-1000 Fax: (281) 280-1001 Website: www.cpa.com	
BORDEN & BORDEN 12000 Highway 100 Houston, Texas 77034 Telephone: (281) 280-1000 Fax: (281) 280-1001 Website: www.borden.com	Date: 8/15/14 Scale: As Shown Sheet: 1 of 1 Project: BARGE CANAL SITE