

EXPLANATION OF CONSENT AGENDA ITEM E.1.c. (14) – April 15, 2015

ITEM:

Consideration of approving a purchase order to CH2M Hill under their continuing general engineering contract for site planning, design and permitting of utility services (water, sewer, electric and communications) to the Crane Maintenance Crew Facility in the North Cargo Area in the amount of \$20,500. (Perley/Hicks)

EXPLANATION:

As part of the support for the new marine terminal, CPA will be employing its own forces to oversee, operate and maintain the STS cargo cranes. Knowing that there is a potential for the marine terminal operations to expand, having a fixed building for crane operations may not be wise at this time if the location is in the way of future expansion. Having flexibility in a location for a crane maintenance facility would best be served by a trailer building which could be mobile enough to move to a different location as the marine terminal expands. However, even a mobile trailer will require the basic utilities for service. This request is to provide the planning, design and permitting required for the utilities necessary to operate a crane maintenance facility.

Funding Review by Finance (Pat Poston):

The total NTE amount of \$20,500 is included in the FY15 Capital Budget and no increase is required. [Budget item 1560-Misc. Piers and Bldgs]

Staff Recommends Approval

Prepared by: David W. Perley AIC/CPE



Engineering Order No: 2015-23
Job Name: CPA Crane Crew Facility
Date: April 2, 2015

**CANAVERAL PORT AUTHORITY
ENGINEERING ORDER
FOR
CH2M HILL Engineers, Inc.**

In accordance with the Continuing Contract for General Engineering Services dated June 18, 2014, you are instructed to perform the following services:

- 1.) Prepare Site Plan for a modular building for the CPA crane maintenance employees. Site is located east of North Cargo Berth 5 (NCB5) between Dolphin Road and the bulkhead wall. Plan will include site preparation, fence relocation, new gate, utility services including lift station, and parking striping. No topographical survey will be performed. Existing asbuilt surveys and CAD files will be utilized for existing conditions.
- 2.) Perform the following coordination and permitting:
 - a. Coordinate with the CPA Cargo Department regarding exact footprint of building, location, and utility requirements.
 - b. Coordinate with CPA IT regarding requirements for fiber optics connection.
 - c. Coordinate with the City of Cocoa Beach and FDEP for permitting of lift station and sewer connection.
 - d. Coordinate with the City of Cocoa for water service connection.
 - e. Coordinate with AT&T and FPL for services to the facility.
- 3.) Prepare construction documents for one of the site contractors with a continuing services contract with CPA. No bidding or front-end document preparation is included. No geotechnical investigation will be performed. Past soil borings will be utilized in the design.

In soils, foundation, groundwater, and other subsurface investigations, the actual characteristics may vary significantly between successive test points and sample intervals and at locations other than where observations, exploration, and investigations have been made. Because of the inherent uncertainties in subsurface evaluations, change or unanticipated underground conditions may occur that could affect total PROJECT cost and/or execution. These conditions and cost/execution effects are not the responsibility of the ENGINEER.

Budget for CH2M HILL Engineers, Inc.: \$ 20,500.00

Payment for same is authorized under the terms of your continuing contract with the Port Authority. Should this proposal not be accepted within a period of thirty (30) days from the above date, it shall become null and void.



4-6-15

Max Mozo, P.E. Date
Geographic Operations Manager
CH2M Hill Engineers, Inc.

David Perley, AIC/CPE Date
Senior Director, Port Construction and Infrastructure
Canaveral Port Authority

ENG: _____
CH2M HILL.: _____
CPA: _____

Capital Item # _____
 Planning
 Expense