

**EXPLANATION OF CONSENT AGENDA ITEM E.2.c.(12) October 28, 2015**

**ITEM:**

Consideration of approving a purchase order to an electrical equipment distributor for the purchase of 224 replacement LED light fixtures with automated dimming function for the Marine Terminal in an amount up to but not to exceed \$308,580.96. (Crowe/Hicks)

**EXPLANATION:**

The Marine Terminal lighting systems were tested after dark on 7/1/15 and again on 7/27/15. During both tests, light levels were found to be below those levels required by the plans and specified by OSHA requirements for operations areas. The physical installation and orientation by the Contractor / installer of the fixtures was reviewed and found to be in general conformance with the contract documents.

Furthermore, four (4) fixtures were removed by Port maintenance crews and shipped to an independent Underwriters Lab for testing. Test results were recently received back that indicates the fixtures meet or exceed the manufactures published information for these fixtures.

Subsequently, it has been surmised that the photometric design, as supplied by the engineer of record, did not ultimately result in sufficient lumens output to supply the Marine Terminal with adequate lighting. This agenda item is for the purchase of 224 interchangeable replacement fixtures, from an alternate manufacturer, for full cut-off LED fixtures with diming capability.

The total NTE amount of \$308,580.96is included in the FY16 Capital Budget and no increase is required. [Budget item 1571 - Marine Terminal for Containers]  
Staff Recommends Approval

**Funding Review by Finance (Pat Poston):** The total NTE amount of \$308,580.96is included in the FY16 Capital Budget and no increase is required. [Budget item 1571 - Marine Terminal for Containers]

**Prepared by: Bill Crowe, P.E.**



RAYBRO ELECTRIC SUPPLIES  
 RAYBRO ELECTRIC SUPPLIES  
 419 ROSA L JONES DR  
 COCOA FL 32922 USA  
 TEL: (321)636-1646 FAX: (321)639-7858  
 CONTACT: RODNEY HARVEY

<b>QUOTATION</b>			PAGE 1
QUOTE # 1025528	DATE 10/01/2015	REV # 0	REV DATE 10/01/2015
QUOTE EXPIRES 10/31/2015		PREPARED BY RH	
SLS 3614		INSLs 3571	
FOB SHIPPING POINT		FREIGHT PREPAID	

QUOTE FOR: CANAVERAL PORT AUTHORITY  
 ACCT: EC-21100 CANAVERAL PORT AUTHORITY

ACCOUNTS PAYABLE  
 445 CHALLENGER ROAD, SUITE 301  
 CAPE CANAVERAL, FL 32920  
 TEL: (321)783-7831

CUST PO #
JOB NAME

LN	QTY	PRODUCT	CODE	DESCRIPTION	PRICE	PER	EXT AMT
01 *		ACUITY ROAM CONCIERGE					
02 1		HOLO	PDA001MSA		4591.00	E	4591.00
03 1		HOLO	ANUAL MONITORING&CON	TROL PER MODE	500.00	E	500.00
04 1		HOLO	DYNAMIC MAP		1563.00	E	1563.00
05 1		HOLO	ANNUAL WORK ORDER MG	T	1500.00	E	1500.00
06 1		HOLO	ON SITE START UP AND		1500.00	E	1500.00
07 *		2ND PHASE NEW HIGH MAST POLES					
08 1		HOLO	ON SITE START UP AND	TRAINING	1500.00	E	1500.00
09 *		MONGOOSE LED FOR DIST					
10 1		HOLO	REG127EXS		2605.00	E	2605.00
11 138		HOLO	REN480DVXA0350		114.58	E	15812.04
12 224		HOLO	REN480DVXA0350		114.58	E	25665.92
13 224		HOLO	MGLED94KAHFLVGP7US		1131.00	E	253344.00

TOTAL: 308580.96 \*\*

**PLEASE NOTE:** This is not an offer to contract, but merely a quotation of current prices for your convenience and information. Orders based on this quotation are subject to your acceptance of the terms and conditions located at sales.our-terms.com, which we may change from time to time without prior notice. We make no representation with respect to compliance with job specifications.