

ADDENDUM No. 3 TO THE CONTRACT DOCUMENTS

Project: City of Unalaska Port Lighting Upgrades

Addendum Issue Date: April 14, 2014

Issued for Bid Date: March 2014

Bid Due Date: April 17, 2014 at 2:00pm (AKDT)

Previous Addenda Issued: No. 1 & 2

Issued By: Derrick Honrud
PND Engineers, Inc.
1506 West 36th Avenue
Anchorage, Alaska 99503

Notice to Bidders:

Bidders must acknowledge receipt of this addendum prior to the date set for bid opening by one of the following methods:

- (1) By acknowledging receipt of this addendum on the bid submitted.
- (2) By fax which includes a reference to the project and addendum number.

The bid documents require acknowledgment individually of all addenda to the drawings and/or specifications. This is a mandatory requirement and any bid received without acknowledgment of receipt of addenda may be classified as not being a responsive bid. If, by virtue of this addendum it is desired to modify a bid already submitted, such modification may be made by fax provided such a fax makes reference to this addendum and is received prior to the opening date specified above.

The Contract Documents for the above project are amended as follows (all other terms and conditions remain unchanged):

ITEM 1

Section: *N/A – Answers to Questions*

1.1 Answers to additional questions asked as of 4/11/14:

Q1: We have been in contact with the operator at the City of Unalaska Solid Waste Management Department, and he says one of their waste analysts looked into my question of disposal of the scrapped HID bulbs, and they will not accept them. We're investigating options for compliance with the disposal certification requirements.

A1: If the Unalaska land fill will not take the HID bulbs, you could try contacting Total Reclaim in Anchorage at 907-561-0544. They also have offices in Seattle, WA and Portland, OR (if the bulbs need to be shipped out of state for disposal/recycling).

Q2: We have a question on dock activity during "dark out" portions of the work. For example, does the City understand that there could be periods (maybe days) where no lights are operational at a given dock? Let's say we take down the two poles at the UMC City Dock and the weather kicks up for several days and delays the installation of the new poles. Will this mean that ships will not be able to use the dock? Or does this mean that the City will provide temporary lighting? Or does this mean that no lighting while a ship is at the dock is not an issue? Or does this mean that the Contractor can only take one high mast

light offline at a time so at least there is one light operational at all times? If yes to the last question, it could have an impact on schedule and costs.

A2: After discussion with the Port, high mast lights will only be allowed to be removed from one dock facility (UMC City Dock, UMC USCG Dock, or Light Cargo Dock) at a time. Temporary lighting for “dark out” periods at a single dock facility will be provided by the Port and/or local users as needed to support normal operations of the dock facilities.

Q3: Plan Sheet E-12 Note 3 states that the Contractor is to: “provide new 120V power connection from existing electrical panel in electrical connex with spare capacity to existing 30’ pole...”. Does this note indicate that there are existing conduits with spare capacity for the new wires to feed the CCTV gear? Or does this note state that the contractor is to install new conduit runs with spare capacity? If contractor is required to run new conduits with spare capacity, what is the means of access and conditions below the dock? And, finally, how much spare capacity needs to be provided in the conduit?

A3: Existing panel "LPA" in the electrical connex has spare capacity to add a new circuit breaker (also noted in note 5). The Contractor does not need to provide any spare capacity in the new conduit. Based on drawings for renovation of the Spit Dock in 2006, the bottom of the conduit (top of Unistrut) under the dock should be at approx. EL +9 ft MLLW.

Q4: For the “UMC USCG Dock & Light Cargo Dock High Mast Light Elevation” on Sheet 6, do the nuts on top of the existing steel base plate (on the existing steel pipe pile foundation) need to be tightened per the “Proposed Anchor Bolt Tightening Procedure” (turn-of-nut) on Sheet 7?

A4: Yes, those nuts need to be tightened per the turn-of-nut procedure on Sheet 7. Leveling nuts and double/lock nuts or jam nuts only need to be tightened to a snug-tight condition.

Q5: Shippers have indicated that there is a 15% wharfage fee assessed by the Port. The fee is based on the commercial value of the cargo moving across the dock. Does the City/Port intend to waive the wharfage fee on the materials for this project? If so, can the Port provide a notice which bidders can provide to their freight companies?

A5: The City/Port does not intend to waive the wharfage fee on this project (for an independent consignee). According to the Port, the wharfage fee is actually \$4.60 per ton of cargo and is not assessed against the value of the cargo. The rates for shippers that do not usually call at the UMC City Dock may be based on the owner of the facility where they usually offload.

ITEM 2

Section: *N/A – Bid Opening Teleconference Information*

2.1 Teleconference information for the bid opening is provided below:

Call-In Number: **1-800-363-4734**

Passcode: **1258939**

ITEM 3

Drawing: *Electrical Legend and Fixture Schedule (Sheet E1)*

3.1 In the LIGHT FIXTURE SCHEDULE add “& 12-FOOT POLES” in the LOCATION box for TYPE B fixtures, and add “12'-0” A.F.G.” in the MOUNTING/HEIGHT box for TYPE B fixtures.

3.2 A revised version of this drawing is attached to this addendum.

- END OF ADDENDUM -

**ITEM 3
ATTACHMENT:**

Electrical Legend and Fixture Schedule, Sheet E1 (Rev. 1)

LEGEND	
	FLOODLIGHT - OUTDOORS, WEATHERPROOF
	POLE MOUNTED AREA LIGHT - OUTDOORS, WEATHERPROOF
	FIXTURE TAG (LETTER INDICATES TYPE)
	PHOTOCELL
	CONDUIT, CONCEALED
	NUMBER AND SIZE OF WIRES (NO MARKS = 3 #12)
	HOMERUN TO PANEL (PANEL AND CIRCUIT No.)
	OVERHEAD ELECTRICAL LINE (12470/7200V UON)
	PANEL
	PADMOUNT TRANSFORMER
	IN GRADE EXTERIOR JUNCTION BOX
	DUPLEX RECEPTACLE TO BE REMOVED (DASHED OR DOTTED LINES INDICATE ITEMS TO BE REMOVED TYPICAL)
	CCTV CAMERA
	NOTE TAG (No. INDICATES NOTE)
AFG	ABOVE FINISHED GRADE
C	CONDUIT
E	DENOTES EXISTING ITEM
fc	FOOT CANDLE
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
HPS	HIGH PRESSURE SODIUM
LED	LIGHT EMITTING DIODE
MCB	MAIN CIRCUIT BREAKER
MH	METAL HALIDE
NEC	NATIONAL ELECTRICAL CODE
TYP.	TYPICAL
WP	WEATHERPROOF

LIGHT FIXTURE SCHEDULE										
TYPE	LOCATION	MANUFACTURER AND CATALOG NUMBER (OR APPROVED EQUAL)	LUMINAIRE DESCRIPTION	MOUNTING		LAMPS		BALLAST		INPUT WATTS
				TYPE	HEIGHT	NO.	WATTS	NO.	TYPE	
A	HIGH MAST APPLICATIONS	CREE #FLD-EHO-15-AA-24-E-UH-SV-700	HIGH-OUTPUT HIGH MAST LED FLOOD TYPE FIXTURE. 15° OPTICAL DISTRIBUTION, ADJUSTABLE ARM, 5700K COLOR TEMPERATURE OUTPUT.	POLE	120'-0" A.F.G.	-	533	1	347-480V ELECTRONIC DRIVER	533
A1	HIGH MAST APPLICATIONS	CREE #FLD-EHO-40-AA-24-E-UH-SV-700	SAME AS TYPE 'A' FIXTURE EXCEPT 40° BEAM ANGLE.	POLE	120'-0" A.F.G.	-	533	1	347-480V ELECTRONIC DRIVER	533
B	30-FOOT POLES & 12-FOOT POLES	CREE #FLD-EDG-40-AA-08-D-UH-SV-525	FLOOD LUMINAIRE WITH 40° OPTICAL DISTRIBUTION, ADJUSTABLE ARM, 5000K COLOR TEMPERATURE OUTPUT.	POLE	30'-0" OR 12'-0" A.F.G.	-	133	1	347-480V ELECTRONIC DRIVER	133

GENERAL NOTES:

- THIS PROJECT INCLUDES THE REPLACEMENT OF EXISTING EXTERIOR LIGHTING FIXTURES ON A ON-FOR-ONE BASIS WITH LIGHT FIXTURES OF LOWER WATTAGES. EACH CIRCUIT EFFECTED WILL SERVE LESS LOAD THAN THE CURRENT INSTALLATION, THEREFORE INDIVIDUAL LOAD CALCULATIONS ARE NOT PROVIDED.

RSA Engineering, Inc.
 MECHANICAL AND ELECTRICAL CONSULTING ENGINEERS
 2522 Arctic Boulevard, Suite 200 Anchorage, AK 99503 (907) 278-0521
 191 Swanson Avenue, Suite 100 Wasilla, Alaska 99654 (907) 357-1521



ADDENDUM #3
 APRIL 2014

REV	DATE	DESCRIPTION
1	4/14/14	ADDENDUM #3

DATE: _____

1506 West 36th Avenue
 Anchorage, Alaska 99503
 Phone: 907.561.1011
 Fax: 907.563.4220
 www.pndengineers.com

P | N | D
 ENGINEERS, INC.

PROJECT: CITY OF UNALASKA PORT LIGHTING UPGRADES		
TITLE: ELECTRICAL LEGEND AND FIXTURE SCHEDULE		
DESIGNED BY: WKR	DATE: 3/13/14	SHEET NO: E1
CHECKED BY: TEH	PROJECT NO: L3099.00	