

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE J	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NO. 0006	3. EFFECTIVE DATE 08-Dec-2015	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO.(If applicable)
6. ISSUED BY NAVFAC NORTHWEST 1101 TAUTOG CIRCLE SILVERDALE WA 98315-1101	CODE N44255	7. ADMINISTERED BY (If other than item 6) See Item 6		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)		X	9A. AMENDMENT OF SOLICITATION NO. N44255-15-R-6006	
		X	9B. DATED (SEE ITEM 11) 30-Sep-2015	
			10A. MOD. OF CONTRACT/ORDER NO.	
			10B. DATED (SEE ITEM 13)	
CODE	FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (If required)				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).				
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:				
D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Subject: P-993 TPS Forward Operating Location, USCG Station, Port Angeles, WA Description continues on page two.				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
		TEL:	EMAIL:	
15B. CONTRACTOR/OFFEROR _____ (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED 08-Dec-2015

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION SF 30 - BLOCK 14 CONTINUATION PAGE

The following have been added by full text:

AMENDMENT 0006

1. The following PPIs were received in response to the RFP:

PPI 0190

Drawings E401

The VFI switchgear shows line-side on one end and load-side on the other on one-line and E401, but spec says all of the terminations have to be on one side. Which is it? We can't include a visible break (specified) if all terminations are on one side. Also, the drawings show fusible incoming and VFI outgoing, which can't be built. Incoming can be non-fused switch or VFI.

Response

See response to PPI 0081 in amendment 0003.

PPI 0191

Specification Section 26 20 00, Paragraph 2.15

Dry type transformers: specification 26 20 00 says TP1 115 rise. As of November 1st we have to use DOE 2016 efficiencies (beyond TP1). Also, what winding material should be used? The specification does not state copper or aluminum.

Response

Comply with DOE 2016. Provide copper windings.

PPI 0192

Drawing E601 and Specification Section 26 27 14

The metering needs to be defined and clarified. The same metering is indicated as primary meters on the pad mount transformers (Drawing E601, key note 8), and also integral to MDP1 (480V) and DP1 (480V). Pad mounts are 15kv primary. One spec says the meters are integral, another says they are in stainless steel enclosures. Key note says to coordinate with USCG Port Angeles, but then says the system integrator is responsible for integrating meters into the system. Specification Section 26 27 14 (see paragraphs 2.1.4.e, 2.1.1.c, 1.14, and 2.2) mentions DAS as a protocol, but other parts of the spec say these are AMI meters. This decision will have a major cost impact. In addition, are the meters meant to be on the 15 kv side, or only on the 480V lines?

Response

The design intent is to provide metering at each service, including the AFF and services to vessels at the pier. Meters are shown at the AFF main distribution panel and at the upland service panel, but can be located at each service transformer. Metering at the pier may be located at the secondary side of each service transformer. Metering data, status and alarms for various systems indicated in the

contract documents need to be integrated into a system that is compatible with the existing base energy management and control system.

PPI 0193

Drawing E401

Drawing E401 shows transformers T2 and T3 as pad-mounted. T2 is a 30kva 480-208Y120; T3 is a 45kva 480-208Y120. T1, T4, T5, and T6 all have 15kv primary. So, do T2 and T3 need to be FR3 liquid-cooled pad-mount transformers, even though they only have a 480v primary? We could provide encapsulated stainless steel, but sheet note on E401 says transformers are to be stainless steel with ANSI/NEMA C57.12.29 finish. This finish spec applies to MV pad-mounted equipment in coastal environments. This decision will have major cost impact.

Response

Cast coil encapsulated low voltage transformers are acceptable for T2 and T3.

PPI 0194

Drawing E601

Drawing E601 shows a 100/2 enclosed breaker on the secondary side of T2. T2 is a 3-phase transformer and feeds a main breaker panel (EP2). What is the purpose of this breaker? Where is it located?

Response

Enclosed breaker is not required.

PPI 0195

Drawing E601

General note 6 on E601 says to provide selectively coordinated circuit breakers for emergency lighting. This is a very broad statement. Selective coordination requires all of the devices in the system to selectively coordinate, not just downstream 20/1 breakers. This would require a lot of engineering, electronic trip units on most of the breakers throughout the system, and greatly oversized breaker frames. That said, the only circuits we see designated as emergency are all on inverters. Since inverters are battery units, no selective coordination should be required. This needs to be clarified prior to bid, as the impact will be significant.

Response

The design intent is to ensure compliance with the National Electrical Code Article 700 in reference to selective coordination of all circuits feeding emergency lighting. If you provide a central lighting inverter with a main breaker on the output feeding more than one circuit, ensure that these breakers are selectively coordinated so that a fault cannot take out more than one circuit. If there is no main breaker on the output, then no selective coordination should be necessary.

PPI 0196

Specification 01 35 13, paragraphs 1.2.2 and 3.1

Please confirm that the distance is correct of “approach-departure clearance surface” of 50,000 feet for each end of the runway. With the proximity of our project in the water to the runway, please

explain the impact of cranes working on land and water. Is the marking of a flag sufficient, or are there other requirements that will restrict our work area?

Response

The distances given in specification section 01 35 13, paragraphs 1.2.2 and 3.1 are correct. Specification section 01 35 13 provides requirements for temporary airfield obstruction lighting and marking which includes (but is not limited to) cranes that will be working on land and water

PPI 0197

Specification 33 08 55, paragraphs 3.4.3 and 3.8.4c

Fuel system commissioning in Specification Section 33 08 55 Page 8, paragraph 3.4.3 Pier Piping, and page 11, paragraph 3.8.4.c Marine Fueling Systems, both list testing and checking the loading and unloading arm function. No loading arms are identified in the specification, layout, or details of the drawings. Therefore we expect that loading arms are not part of this design and are omitted from the commissioning requirements. Please confirm.

Response

See revised 33 08 55 pages.

2. All other terms and conditions remain unchanged. The proposal due date remains December 9, 2015 at 2pm local time. Offerors are reminded to acknowledge receipt of this amendment when submitting proposals in accordance with the RFP requirements.

(End of Summary of Changes)