

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE J	PAGE OF PAGES 1 5
2. AMENDMENT/MODIFICATION NO. 0002	3. EFFECTIVE DATE 26-Aug-2016	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO.(If applicable)
6. ISSUED BY 28TH CONTRACTING SQUADRON COREY.HOOPER@US.AF.MIL 1000 ELLSWORTH STREET, SUITE 1200 ELLSWORTH AFB SD 57706-4904	CODE FA4690	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. FA4690-16-R-0009	
		X	9B. DATED (SEE ITEM 11) 11-Aug-2016	
			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 <u>1</u> 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.) See Block 14 continuation page				
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	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA		16C. DATE SIGNED
_____ (Signature of person authorized to sign)		BY _____ (Signature of Contracting Officer)		26-Aug-2016

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

The following items are applicable to this modification:AMENDMENT SUMMARY

The purpose of this amendment is to incorporate the site visit minutes (Attachment 4) for this solicitation and to document questions and answers.

1. A site visit was conducted on 16 Aug 16, site visit minutes are attached.
2. Tank 88491 and tank 7266 as-built drawings have been incorporated as attachments. Tank 88491 as-built drawing is Attachment 5. Tank 7266 is Attachment 6.
3. RMD form is incorporated as Attachment 7.
4. The following Questions and Answers have been submitted for this solicitation.
 - a. Q: Rope anode assemblies shall be 0.118 in. diameter mixed metal oxide anode element..existing system; anode lead runs are how long?
A: Refer to attached tank As-Built drawings
 - b. Q: Subconn or equal underwater gland seals with male NPT pipe threads on each end. Each end of what?
A: Connection as required by NACE or code
 - c. Q: Handhole covers and suspension insulators shall be replaced as needed..need to know if and how many needed, need dimensions please
A: Refer to attached tank As-Built drawings. Handhole covers do not require replacement. Replace all suspension insulators.
 - d. Q: Existing rectifiers will be used. New wires shall be installed from inside the tank to the rectifier and terminated .looks like new negative is requested, can you please confirm
A: Connection as required by NACE or code
 - e. Q: Can you please provide us a BOM that needs filled including any replacement or spare parts?
A: No, refer to attached tank As-Built drawings
 - f. Q: An as-built, if available, could be used to define precisely what's needed
A: Refer to attached
 - g. Q: I see 8 shunted anodes - Can you please confirm this.
A: If this is referring to the junction box on the exterior of the tank then no. We just require replacement on the interior of the tank to the rectifier.
 - h. Q: Can't tell how many PRC
A: Refer to attached tank As-Built drawings
 - i. Q: What are the dimensions of the water storage tanks?
A: 34 ft diameter x 24 ft height
 - j. Q: Are the tanks elevated or on-grade?
A: On-grade
 - k. Q: Are there details/drawings available of the water storage tanks?
A: Refer to the attached tank As-Built drawings
 - l. Q: Does the work include replacing the rings & hooks from the existing system as well or are the existing rings & hooks to remain and be re-used?
A: Re-use existing rings & hooks
 - m. Q: The statement of work does not specify if you would like the anode materials replaced with exactly what is in the tanks now, or if you would want a new design completed. If we are to replace what is already existing we would need more information.
A: Replace with what is existing. Refer to tank As-Built drawing and requirements per NACE or code.

- n. Q: Specifically do we have any as build tank drawings?
A: Refer to tank As-Built drawings
- o. Q: Do the tanks ice up in the winter?
A: No, they are heated with hot water circulation
- p. Q: The anode length?
A: Refer to tank As-Built drawings
- q. Q: Cable size?
A: refer to tank As-Built drawings
- r. Q: Underwater gland seals w/ male NPT pipe thread drawings?
A: Refer to tank As-Built drawings and connections required per NACE or code
- s. Q: Support rope size and length?
A: Refer to tank As-built drawings
- t. Q: The hand hole covers and suspensions insulators. How many will need replaced?
A: handhole covers do not require replacement. Replace all suspension insulators
- u. Q: If replacing what is already in place it is possible that it will not meet the criteria specified in section 4.1 due to the deterioration of the inner tank coating. Is the coating in the tanks believed to be in acceptable condition?
A: The coating on tank 7266 is new as of last summer, so there should not be any issue. The coating condition on tank 88491 is unknown so it may be possible issue.
- v. Q: Number 6 in the statement of work specifies that we will have 3 years of proven expereince in cathodic protection systems. Is it acceptable to the government for the subs we will be using to meet this criteria?
A: Yes
- w. Q: During our site visit, we were told that tank 88491 has (2) cathodic protection systems.(1) protecting the inside of the tank and (1) system underground around the tank. We were told we are only to replace the cathodic protection system inside this tank as described by SOW,please reconfirm.
A: Yes, just replace the system inside the tank out to the rectifier as stated in the SOW.
- x. Q: Can you provide any information on the type and quantity of handhole covers and suspension insulators?
A: Refer to tank As-Built drawings. Handhole covers do not require replacement. Replace all suspension insulators.
- y. Q: Will it be acceptable to use an experienced cathodic protection system installer with many years of experience working with a remote certified Corrosion Specialist accredited by National Association of Corrosion Engineers (NACE) as referenced in SOW, par. 6? The entire system would be produced and installed under the guidance and approval of the certified NACE specialist.
A: Yes
- z. Q: "Solicitation, Offer, and award," document block 11 indicates "The contractor shall begin performance with 5 calendar days and complete it with 30 calendar days after receiving notice to proceed. This performance period is mandatory." Please note that due to material lead times and scheduling/mobilization involved for this work, the 5 day calendar day start date would likely not be enough time to have all materials, equipment and manpower needed. Can you allow additional adjustment to allow enough time for submittal review and the lead times of the materials?
A: Request for additional time requirements for material ordering and manpower organization shall be included in the bid as necessary. The performance periods and pre-construction time needs will be set by the Contracting Officer with the assistance of the customer.

- aa. Q: Would alternative long life anode materials be acceptable such as .062" or .125" platinum-niobium be acceptable? MMO anode wire is generally .062" or .125" and not .118" as stated in SOW - 2.4.1.1. Rope anode assemblies shall be 0.118 in. diameter mixed metal oxide anode element.
A: Yes, if acceptable by NACE or code
- bb. Q: Will both tanks be drained at the same time to allow continuous work?
A: Both tanks can be drained at the same time if needed. Will require 4 workdays for government to drain.
- cc. Q: Section 6 of the SOW states "All workers must be Commercially Certified, and hold a current ID card to provide such proof. Contractor shall submit such certificates, ID cards and experience references for review and approval." What does that mean? We have extensive experience and resumes.
A: This statement was eliminated in latest revision of SOW.
- dd. Q: The rectifiers appear to be obsolete. Why are they not being replaced?
A: The rectifiers are scheduled for replacement next year
- ee. Q: In SOW 3. SUBMITTALS. Contractor shall submit one (1) copy of OSHA certification of personnel performing work. What does OSHA certification mean?
A: OSHA training for permit required confined space entry
- ff. Q: Is the water in each tank heated to prevent icing? If so, what are the internal heat transfer mechanisms?
A: Yes, the tanks are heated with hot water circulation
- gg. Q: Per SOW paragraph 2.4.1.3, we are to provide "Subconn or equal underwater gland seals with male NPT pipe threads on each end." Can the Base provide a model, size &/or part no. of the subcom gland seals installed?
A: No, refer to attached As-Built drawings and what is required per NACE or code
- hh. Q: In lieu of disturbing the existing gland seals that appear to be in good shape and running wiring completely back to the rectifiers, a recommended installation method is to provide water tight connectors on the interior of the tank in lieu of disturbing the existing gland seals, as those appear to be in good shape and especially if the existing seals part numbers are not available. Would this be acceptable?
A: Yes, if acceptable to NACE or code
- ii. Q: Has it been confirmed that the existing rectifiers to presently work? Our new system would not function properly if these don't.
A: The system on tank 7266 was working when it was removed. The system on tank 88491 is unknown so there may be an issue.
- ii. Q: Has it been confirmed that the existing rectifiers to presently work? Our new system would not function properly if these don't.
A: The system on tank 7266 was working when it was removed. The system on tank 88491 is unknown so there may be an issue.
- jj. Q: Can you provide as-builts of the tanks and cathodic protection system. Are shop dwgs. of the cathodic protection system available?
A: As-Builts attached. Shop drawings not available.
- kk. Q: As discussed during the site visit, has as-built, shop, or any other type of drawing or material list been located for the existing CP systems in tanks 7266 or 88491?
A: Yes, refer to attached As-Built drawings.
- ll. Q: Included in the bid documents is the RMD form. The Types of Products listed in section 1 don't really fit into this particular type of work. Could you please explain this form, and go over how you would like to see it filled out?
A: A customer version of the RMD will be sent out with the first amendment .

mm. Q: The back page of the Standard Form 1442 block 14 asks for CODE and FACILITY CODE. Do these apply to contractors?

A: Code stands for CAGE code. Registration in SAM (System for Award Management at SAM.gov) is required prior to award. A CAGE code will be issued once you have been registered in SAM.gov.

nn. Q: Page 24 of 31 section 13.b of document FA4690-16-R-0009 mentions security training.

A: This training is for information assurance training and does not pertain to this requirement.

oo. Q: How long do you expect the project kick off/safety meeting to take?

A: Pre-construction meeting will start shortly after contract award

SUMMARY OF CHANGES

SECTION J - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS

The Table of Contents has changed from:

Exhibit/Attachment Table of Contents

DOCUMENT TYPE	DESCRIPTION	PAGES	DATE
Attachment 1	SOW	2	05-APR-2016
Attachment 2	AWWA D104 Testing Requirement	1	21-JUL-2016
Attachment 3	Wage Determination	6	26-JUL-2016

to:

Exhibit/Attachment Table of Contents

DOCUMENT TYPE	DESCRIPTION	PAGES	DATE
Attachment 1	SOW	2	05-APR-2016
Attachment 2	AWWA D104 Testing Requirement	1	21-JUL-2016
Attachment 3	Wage Determination	6	26-JUL-2016
Attachment 4	Attachment 4 Site Visit Meeting Mins	2	26-AUG-2016
Attachment 5	Attachment 5 Tank 88491	1	26-AUG-2016
Attachment 6	Attachment 6 Tank 7266	1	26-AUG-2016
Attachment 7	Attachment 7 RMD	1	26-AUG-2016

(End of Summary of Changes)