

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE J	PAGE OF PAGES 1 12
2. AMENDMENT/MODIFICATION NO. 0004	3. EFFECTIVE DATE 01-Oct-2015	4. REQUISITION/PURCHASE REQ. NO. ACQR385770		5. PROJECT NO.(If applicable)
6. ISSUED BY NAVAL FACILITIES ENG COMMAND WASHINGTON 1314 HARWOOD ST SE, BLDG 212 WASHINGTON NAVY YARD DC 20374	CODE N40080	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. N40080-15-R-1002	
		X	9B. DATED (SEE ITEM 11) 12-Aug-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.) N40080-15-R-1002 HYDRANT FUEL FACILITY, JOINT BASE ANDREWS, MD The purpose of this amendment is to incorporate responses to Request for Information (RFI) Proposal due date and time remain unchanged. All other terms and conditions remain unchanged.				
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 01-Oct-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 0004

7. **Question:** Specification Section 33 52 43.23, Paragraph 2.2

Paragraph 2.2 calls for SP-1 to be a vertical turbine pump, 50 gpm at 100 ft of head.

The pump schedule on drawing M-531 shows SP-1 as a rotary vane pump and not a vertical turbine. If the pump is a rotary vane, it would be as specified in section 33 52 43.11, paragraph 2.7.1.10.

Can you clarify if SP-1 is to be a vertical turbine pump or a rotary vane pump?

Response: SP-1 is a rotary vane pump rated at 5-gpm and 100-ft. of head. FTP-1 is a vertical turbine pump rated at 50-gpm and 125-ft of head. Refer to specification 33 52 43.11 par 2.7.1.10 for the rotary vane pump.

8. **Question:** Specification Section 33 52 43.11

Paragraph 2.8 identifies the Operating Tank Level Switches and defines them as being a float chamber type. Paragraph 2.9 describes the same level switches as thermistor or optic type. Drawing M-522 appears to show the thermistor or optic type.

Can you please clarify the technology required for the level switches?

Response: The drawings clearly indicate thermistor type switches, so Paragraph 2.9 applies to the operating tanks and Paragraph 2.8 does not apply. Refer to specification 33 52 43.11.

9. **Question:** Section 33 09 54 Paragraph 3.12

Paragraph 3.12 describes the PCP actions for the Tightness Monitoring Panel

“...provided by Spec. Section 33 52 43.11...” Paragraph 2.12 of section 33 52 43.11 refers to Section 33 58 00, which does not have a paragraph for the Tightness Monitoring System.

Can you please provide a specification for the Tightness Monitoring System?

Response: The Tightness Monitoring System specification has been added to Section 33 52 43.11 via Amendment. Section 33 58 00 has been eliminated. Refer to specification section 33 52 43.11 and 33 58 00.

11. **Question:** Drawing EI-112 shows two sets of horns and sirens but spec “2.1.15 Alarm Horns” calls for one set, so are two sets required?

Response: The two (2) sets of outdoor alarm horns as shown on the drawings are correct. Drawing EI-112 is correct; 2-sets of exterior horns are required. Refer to specification section 33 09 54, paragraph 2.1.15.

12. **Question:** Drawing EI-211 shows Tank Annunciation and PCP Annunciator on front of panel please clarify (Device #2 appears to be old chart recorder but indicated as second “Tank Annunciator”). Why are both annunciators on same panel with both indicating the same information? Size shown is incorrect based on specified window size.

Response: The layout of the two annunciator faces is shown on EI-614.

13. **Question:** Drawing EI-211 shows 5 position Lead pump selector switch (#20) but only three fueling pumps provided.

Response: A 3-position switch is all that is required. Refer to drawing EI-211.

15. **Question:** Specification 2.3 Graphics User Interface indicates 15” touchscreen display but states ½” indicator lights and 3/16” high digital readouts which are not physically possible and requires “keypad mounted through the door as indicated” and should not be required for touchscreen.

Response: The graphical user interface mounts through the PCP door as specified. It shall be capable of multiple display screens as specified. When showing the entire system schematic, the indicators noted as display lights may be as small as 1/20” in diameter, and the digital readouts may be 1/16” in height. Refer to specification section 33 09 54.

16. **Question:** Under Execution Specification 3.1.14 states Laptop computer function but hardware and software are not specified. Is a laptop computer required?

Response: A laptop computer, with programming capability for the PLC is required. Refer to specification section 33 09 54.

19. **Question:** Missing Drawing

Drawing CU-201 makes reference to a high point vent on drawing CU-501, but this drawing was not provided. Is this the same pit as shown on S-506?

Response: As referenced in the 'Plan' portion of drawing CU-201, see M-532 for the high point vent. Disregard the reference to drawing CU-501; it does not exist. Refer to drawing CU-201.

20. Question: Missing Drawing

Drawing CU-202 makes reference to a low point drain on drawing M-501, but this drawing was not provided. Is this the same pit as shown on S-506?

Response: As referenced in the 'Plan' portion of drawing CU-202, see M-532 for the low point drain. Disregard the reference to drawing M-501; it does not exist. Refer to drawing CU-202.

21. Question: Missing Drawing

Drawing CU-206 makes reference to a low point drain on drawing M-412, but this drawing was not provided. Is this the same pit as shown on S-506?

Response: As referenced in the 'Plan' portion of drawing CU-206, see M-532 for the low point drain. Refer to drawing CU-206.

22. Question: Foundation for Blast Deflector Fence

Drawing C-701, details 4, 5, and 7 state rebar (by others) and foundation (by others). Please confirm whether the government is providing the foundation and rebar for the blast deflector fence.

Response: The Government is not providing the foundation or re-bar. The contractor is responsible for foundation and rebar. The 'by other' note is to be disregarded. All details on C-701 are in this contract. Refer to Drawing C-701.

25. Question: Contaminated Soil – quantity

Specification section 02 61 13 covers the procedures for excavating and handling contaminated material. The quantity of contaminated soil identified on page 2, paragraph 1.3 of 14,200 cubic yards is a larger quantity than we have estimated to excavate on this project between the trench excavation, grading, ponds, etc. Hauling and storing this volume of soil will take considerable effort and cost. The Drawing G-004 has contaminated soil and contaminated liquid storage locations identified on two places each at the contractor laydown areas. Can a definition of where this large quantity of soil is located be provided? Also, where is this large a quantity of soil planned to be stored on the project?

Response: We believe the quantity of soils to be approximately 11,100 which include the trench for piping, excavation required at the pumphouse area, and 3'

undercut requirement at the fueling apron. Refer to specification section 02 61 13 and drawing C-300.

26. Question: Contaminated Soil – removal

Specification section 02 61 13 defines the procedures for excavating and handling contaminated material. Please explain the definition of the first sentence of paragraph 3.4: “Areas of contamination shall be excavated to the depth and extent shown on the drawings and not more than 1 ft beyond the depth and 10 feet extent shown on the drawings unless directed by the Contracting Officer.” The wording in this sentence appears to be incomplete. It is our understanding for bidding purposes that the trench excavation will be as shown on drawing M-529. The industry standard is not to chase the contamination. It is standard practice for the owner to compensate the contractor for additional work beyond what is shown on the detail. It is not typical for contractors to take the burden of the risk to potentially over excavate by the amounts listed in this sentence. Please clarify this sentence and confirm that the area to be excavated is only to the depth and extent shown on the drawings.

Response: No, the contractor is not required to chase the contaminated soil beyond the depth and width as shown on drawings.

43. Question: Thermal Relief Piping

Drawing M-112 calls out 1-inch PR for the 12-inch DBB plug valves and tees into the 4-inch low suction lines at operating tanks 1 and 2. The P&ID on drawing M-211 shows 1-inch TRV piping and ball valves for operating tank 2 (TK-2), but shows ¾-inch TRV piping and ball valves for operating tank 1 (TK-1). Also ¾-inch check valves (2 each) are added for TK-1 but not for TK-2. Please confirm whether it is intended to have 1-inch TRV piping and valves for both tanks 1 and 2? Also please confirm whether it is intended to have 1-inch TRV piping and valves on the 8-inch JPR piping for operating tanks 1 and 2?

Response: The TRV valves and piping at the operating tanks are to be 1” for both tanks and the 8” JPR piping. Refer to drawing M-112.

47. Question: Concrete Batch Plant

In section 32 13 11 paragraph 2.10.1 Batching and Mixing Plant it states “The batching and mixing plant shall be located on project site as indicated on the Drawings.” Our first question is due to the small quantity of PCCP paving on this project it would be cost prohibitive to set up a batch on site. Can we change this specification to allow an offsite source supply the specified concrete for the PCCP paving? If not please provide the location where we may set up our batch plant as indicated above.

Response: An on-site Batch plant is not required. It is permissible for offsite supply. Refer to specification section 32 13 11.

55. Question: Monitoring Wells

Are new monitoring wells expected to be installed or replaced? Drawing C-551, detail 3 shows new monitoring well construction. JBA Environmental Protection Standards for Contracts page 18 of 23, para 2.7.1 excavating within 6' of an existing groundwater monitoring well is prohibited. Please clarify and provide an approximate quantity for the contractors to use as a baseline.

Response: Three (3) monitoring wells are to be removed to allow for construction of the fueling apron; and are to be replaced with new monitoring wells within 10' of the existing MW's. See C-300 and C-401

56. Question: Salvage Materials and Equipment - conflict

Specification section 01 11 00, pg 4, para 1.10 states the government storage area is located within 30 miles, but Specification section 02 41 00, pg 11, para 3.3.2 states the government storage area is located within 5 miles. We expect for bidding purposes that the demolition specification is more specific and therefore is the accurate distance.

Response: This storage area will be on base, and therefore expected to be within 5 miles. Refer to specification section 01 11 00.

57. Question: There appears to be a conflict in the specifications in Factor 1 for the contractor experience, the following minimum experience is stated in the proposal section of the solicitation:

Factor 1 – Experience

(i) Submittal Requirements:

Submit a minimum of one (1) and a maximum of three (3) relevant construction projects for the Offeror that best demonstrates your experience similar in size, scope, and complexity to the subject project as described in this solicitation. The Offeror may submit experience of a subcontractor; however, the Offeror shall submit at least one project demonstrating the Offeror's own experience similar in size scope, and complexity to the subject project as described in this solicitation. Projects submitted for the Offeror shall be completed within the past ten (10) years of the date of issuance of this RFP

In the section 33 52 43 of the specification it states a minimum of three projects completed in the last 6 years are required plus state licensing requirements.

33 52 43 Aviation Fuel Distribution (Non Hydrant) – Paragraph 1.4.2 Contractor Qualifications requires that each installation contractor shall have successfully completed at least 3 projects of the same scope and the same size or larger within the last 6 years. The paragraph also requires the installation contractor to meet the licensing requirements in the state. Which is correct?

Response: The submittal requirements for Factor 1 are for the project as a whole, which is typically submitted by the general contractor bidding on the project. The contractor qualifications referenced in specification section 33 52 43 are specifically for the contractor performing the aviation fuel distribution.

64. **Question:** Reference FAR 52.211-10 Commencement, Prosecution and Completion and FAR 52.211-12 Liquidated Damages – Construction on page 43 of 57.

With Liquidated damages of \$ 7869.72 / day and a contract completion time of only 540 days, will the government allow the contractor to work the necessary overtime to ensure all work is completed on time. Section 01 14 00, paragraph 1.4.3 states “work outside regular hours requires contracting officer approval”. Assuming the answer is yes, will the government ensure we have access through security after hours and that the additional costs for government security and supervision (if required) is at the government expense, not the contractors? With only 540 days to complete all work, including administrative (submittals process, plans, schedule, etc.), significant overtime will likely be required to finish on time due to inclement weather, long lead times on specialized fueling equipment (as much as 6 months for pumps) and coated pipe, and the pigging / commissioning process specified for the new fuel system. This pigging / commissioning process alone can take as long as 30 days or more which limits the time for other work. On a project of this size and magnitude, if the government cannot grant the contractor the right to work whatever overtime is needed, could consideration be given to extending the completion time or lowering the LDs to reduce such high risk for the contractors in an effort to give the government a more competitive price?

Response: Any work performed after hours needs to be approved and coordinated with the contracting officer. The contract completion time remains unchanged at this time. Liquidated damage is as stated in the RFP.

74. **Question:** Section 33 52 43.12, paragraph 2.2.1 b calls for the pantographs to have a total length of the main section to be 39 ft. Drawing M-411 note #6 calls for the pantographs to be 24’ per pipe section.

Can the Government clarify the length of the pantograph sections?

Response: The specifications, and Section-4 on M-411 are correct. Note #6 should indicate ‘...18’ per pipe section’. Refer to drawing M-411.

75. **Question:** Drawing section E/C-405 shows a 6” crushed aggregate base material under the dike containment area. Section D/C-405 and details 9 & 10/C-406 do not show the crushed aggregate base material.

Please advise if the crushed aggregate base material is required at the containment dike?

Response: Aggregate base material is not required at the containment dike. Refer to Detail E/C-405.

81. **Question:** Drawing M-525 Section 2, it states “ Tank Pad. See Details Sheet C-905.” Sheet C-905 has not been provided.

Response: The concrete pad is to be 4000psi with #4 re-bar at 12” on center each way. Disregard reference to drawing C-905; it does not exist. The RFI should have referenced Section 1/M-524. Refer to drawing M-524 and C-551.

88. **Question:** Specification section 02 81 00, paragraph 3.2 states “*Use RCRA Subtitle C permitted facilities which meet the requirements of 40 CFR 264 or facilities operating under interim status which meet the requirements of 40 CFR 265.*” Does all waste, including soil, have to be disposed of at a RCRA Subtitle C permitted facility?

Response: No, Waste soil or groundwater originating from the work site is not expected to require disposal in a RCRA Subtitle C permitted facility. All waste not classified as contaminated soil or liquid must be disposed at a permitted off-base facility in accordance with all applicable statues, laws, rules, regulations, etc. It is the contractor’s responsibility for ensuring the waste meets the requirements of the receiving facility.

91. **Question:** Are there any wetlands present in the construction area?

Response: Yes. An isolated patch of wetlands exists and will be identified on drawings issued via Amendment. Refer to drawings C-203, C-302, C-403, CU-201, CU-205 and specification section 33 05 23.

100. **Question:** In specification section 31 62 13.20 Precast/Prestressed Concrete Piles paragraph 1.3 Pile Requirements, it states: “Test piles shall be 5 feet longer than the bid length.” In the same specification section, paragraph 3.4.1, Test Piles, it states: “Order test piles 10 feet longer in length that production piles.” Please clarify what requirement we are to meet on the test pile lengths. Will there be a bid item added for the total length of the concrete piles?

Response: Order test piles 10 feet longer in length than production piles. Include length of all piles (including additional 10 feet for the given number of test piles) in the bid. Refer to specification section 31 62 13.20, paragraph 1.3.

113. **Question:** Specification section 01 58 00 paragraph 1.2.1 Rendering - Project renderings are not typically required on infrastructure projects where the majority of the work is at or below ground. Please confirm if the contractors are required to include the added expense to provide a rendering of the 3,000-square-foot, 50-foot by 60-foot pumphouse, the only building structure on this project.

Response: Eliminate the Rendering requirement. Refer to specification section 01 58 00, paragraph 1.2.1.

120. **Question:** Section 01 45 35 0, 1.48.1, page 20/21. The Contractor shall have 180 CD performance time. If the timing of the award and subsequent NTP does not allow for 180 CD performance time prior to the exclusionary period, an additional 121 CD will be added to the contract to allow for the exclusionary period. Please explain how this reconciles with the 540 CD for completion noted in the RFP, and which of these two performance periods will govern?

Response: Refer to revised specification section 01 45 35, paragraph 1.48.1 Winter Exclusion Period. The response to this question replaces the response to previously answered question #133.

Contract performance period is 540 days and should have been noted as such in specification section 01 45 35, paragraph 1.48.1. The government's goal is to award the contract and issue NTP 180 days prior to Winter Exclusion period. Winter Exclusion restrictions only pertains to earthwork.

121. **Question:** Given the climatic factors listed on pages 21 and 22 of Section 01 45 35, 1.48.2, what amount of calendar days per month during the non-exclusionary months should the Contractor assume that critical path work will not proceed?

Response: Response to this RFI is hereby revised to Contractor shall expect all calendar working days except for national holidays and the base special event, such as Air show.

124. **Question:** Section 01 45 35, 1.14, page 5 attachment to Section 01 45 35-5. Work hours are different than referenced earlier in these specifications. Saturday work is allowed. Which specification is correct?

Response: Working on Saturdays and national holidays needs to be approved and coordinated with the contracting officer.

125. **Question:** Section 01 45 00.00 20 – 1.5.1.1 states that the CQC Manager can also serve as the Project Superintendent. On a project of this size these should be two

separate, dedicated positions. Recommend revising the contract to require a dedicated Superintendent and a separate dedicated CQC Manager. Please advise.

Response: This project does warrant two separate positions for QC Manager and Superintendent. Refer to specification section 01 45 00.00, paragraph 1.5.1.1.

128. **Question:** Reference 01 14 00,1.3.e; this section identifies two conditions that apply to the project

“(1) Access through the Pathfinder Gate”

“(2) Access through the AA Security Gate”

The Pathfinder Gate is identified on the contract drawings, however the AA Security Gate is not designated on the contract drawings. Please identify the location of the AA Security Gate and the significance of the AA Security Gate.

Response: The AA Security Gate is a typo. It shall be the ACA Security Gate. Refer to specification section 01 14 00.1.3.e.

129. **Question:** Reference 01 14 00, 1.4.1; this section states “Ingress and egress of Contractor vehicles at the Activity is limited to the H-3 gate.” The contract drawing identifies the access point as the Pearl Harbor Gate. Is the Pearl Harbor Gate the same as the H-3 Gate? If not please provide the location of the H-3 Gate.

Response: Pearl Harbor Gate is the access point. Disregard reference to H-3. Refer to specification section 01 14 00, paragraph 1.4.1.

131. **Question:** Specification 01 17 00, 1.1 states “Contractor shall provide qualified and trained escorts for construction activities within the Controlled Movement Area (CMA) on Joint Base Andrews during active periods of operations related to Repair of Taxiway Sierra Project.”

Questions #1 - Please clarify what areas of the site are considered as Controlled Movement Area.

Question #2 – This section references a different project, does this specification section apply to this solicitation?

Response: The Controlled Movement Area is the area within Pathfinder. The reference to Repair of Taxiway Sierra project is incorrect. This specification section does apply to the P1507 project. Refer to specification section 01 17 00, paragraph 1.1 .

134. **Question:** Please note that after reviewing the drawings the controls contractor found references in the documents that reference a tie in to the overall base system.

Please reference MH701 and the sequence for EF-1 as well as HP-1/FCU-1 which is below. Please clarify where these alarms are to be transmitted to. Also, if there is a controls specification section that should apply, please forward.

Response: The intention is for these alarms to be transmitted and annunciated to PC system described in Section 33 09 54.

135. **Question:** Also on drawing MH701, there is reference to drawing E613 for EF-1. However, please note for the wiring diagram for the Pump Room Exhaust Fan below there is no reference for a vapor sensor. Please advise which contractor is to provide a vapor sensor.

Response: Drawing MH701 shows the vapor sensor as FV, refer to operating legend for location of sensor.

138. In reference to the response to question #33, the security reply conflicts with answer to previous questions #32. We understand the definition of other construction site to only be within the Pathfinder gate area.

Response: The CMA is the area within the pathfinder fence. Paragraph 3.1.2 refers to CMA entry control point (ECP) shall have a minimum of 1 contractor self-escort (CSE). Paragraph 3.2.1 refers to the construction site shall have a minimum of 3 CSE personnel at the site at all times. In the project, the CMA ECP is remote from the construction site.

139. **Question:** In reference to question #83, please clarify response. Will the designer provide a new detail of the piping arrangement? Should the pipe follow the contour of the concrete dike elevation with 45 degree elbows, or are 90 degree elbows allowed? Are additional pipe supports required? Will a high point vent (MAV) be added for each of the 8" lines? It could be simpler to install a sleeve at these locations. Please advise how to proceed.

Response: The pipe does not follow the dike wall contour. Additional pipe supports beyond those depicted on the plans are not necessary. Each 8" lines in question roll up with two 90-degree ells to a nominal elevation of 279'-6" approximately 4-ft. north of the north pumphouse wall; refer to Sheet M-113. They continue at this elevation to points directly east and west of the Tank-1 & -2 fill nozzles, respectively, where they roll down to a nominal elevation of 276'-2" with two 90-degree ells. These two lines shall have a nominal 0.2% slope to the tank nozzles.

140. **Question:** In reference to question #87, the response to item C is in conflict with response to RFI#27. We respectfully request a bid item line with quantity of the number of analytical testing samples be provided in addition to the bid item for the contaminated soil.

Response: Only the soils needed to be excavated for the project are to be tested.

SECTION 00010 - SOLICITATION CONTRACT FORM

The Issued By organization has changed from
NAVAL FACILITIES ENG COMMAND
1314 HARWOOD ST
WASHINGTON DC 20374
to
NAVAL FACILITIES ENG COMMAND
1013 O ST SE BLDG 166
WASHINGTON DC 20374

(End of Summary of Changes)