

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE <div style="text-align: center;">J</div>		PAGE OF PAGES <div style="text-align: center;">1   19</div>	
2. AMENDMENT/MODIFICATION NO. <div style="text-align: center;">0007</div>		3. EFFECTIVE DATE <div style="text-align: center;">25-May-2023</div>		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO.(If applicable)	
6. ISSUED BY NAVFACSYSCOM MID-ATLANTIC CONTRACTING CORE 9324 VIRGINIA AVENUE NORFOLK VA 23511-3095		CODE <div style="text-align: center;">N40085</div>		7. ADMINISTERED BY (If other than item 6) <div style="text-align: center; font-weight: bold;">See Item 6</div>			
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				X		9A. AMENDMENT OF SOLICITATION NO. N4008523R2527	
				X		9B. DATED (SEE ITEM 11) 24-Jan-2023	
						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 checked="" type="checkbox"/> is extended, <input 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.)  N4008523R2527-NOAA OMAO SHIP & SUPPORT FACILITY RELOCATION AT NAVAL STATION NEWPORT, RI  Contact POC: Amanda Bricker, Email: amanda.l.bricker.civ@us.navy.mil  See continuation pages							
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)		25-May-2023	

## SECTION SF 30 BLOCK 14 CONTINUATION PAGE

**SUMMARY OF CHANGES**

The following have been added by full text:

**AMENDMENT 0007**

This amendment is issued to incorporate the following:

1. Extend the proposal due date to 23 June 2023
2. Continuation page to update specifications and plans
3. Provide responses to PPI's
4. Revised drawings "NOAA OMAO Amendment 0007\_Drawings" (attached separately)
5. Revised specification "Section 31 23 00.00 20" (attached separately)
6. Updated Price Form – "Attachment H – Price Proposal Form Revision 4" (attached separately)

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**1. The proposal due date is extended from 2 June 2023 to 23 June 2023**

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**2. Continuation Page****DOCUMENT 00 01 15 LIST OF DRAWINGS****1.2 CONTRACT DRAWINGS**

NAVFAC Dwg. Nos. 12874054, 12874059, 12874064, and 12874193 are revised as of May 08, 2023. These revised drawings accompany this amendment.

**On NAVFAC Dwg No. 12873934 (C-501)**

Detail D4. Delete text "6" CLEAN FILL" and replace with the "2" CLEAN FILL"

**On NAVFAC Dwg. No. 12873980 (SB003)**

Delete text "FOUNDATION NOTES – STEEL PIPE PILES" and replace with the following:  
"FOUNDATION NOTES – STEEL BEARING PILES"

Delete Note 6 in its entirety and replace with the following:

"6. JETTING OF STEEL PIPE PILES WILL NOT BE ALLOWED."

**PROJECT TABLE OF CONTENTS**

Section 31 23 00.00 20 EXCAVATION AND FILL, is deleted and Section 31 23 00.00 20 EXCAVATION AND FILL, dated May 8, 2023, as shown in the footer, is added to the Project Table of Contents and accompanies this Amendment.

**SECTION 01 30 01.00 22 DESIGN, PROCUREMENT AND INSTALLATION OF FURNITURE, FIXTURES AND EQUIPMENT****2.1 FF&E and A/V PACKAGE PLANNED MODIFICATION**

Delete paragraph and subparagraph "a." in its entirety and replace with the following:

**"2.1 FF&E, A/V, and CEQ PACKAGE PLANNED MODIFICATION**

FF&E Planned Modification: As a planned modification, provide procurement and installation coordination of the complete and usable Final FF&E package. The FF&E Package must include shipping, freight, handling, installation and the Prime Contractor's FF&E Handling and Administration Rate (HAR) percentage as applied to the final total cost and sales tax, if applicable.

- a. The Audio Visual (AV) Equipment will be identified as a separate line item, priced separately from the FF&E and funded as a separate planned modification. The A/V Package must include shipping, freight, handling, installation, applicable state sales tax, and the Prime Contractor's A/V Handling and Administration Rate (HAR) percentage as applied to the final A/V total cost (excluding taxes).
- b. a. The Collateral Equipment (CEQ) will be identified as a separate line item, priced separately from the

FF&E and funded as a separate planned modification. The CEQ Package must include shipping, freight, handling, installation, applicable state sales tax, and the Prime Contractor's CEQ Handling and Administration Rate (HAR) percentage as applied to the final CEQ total cost (excluding taxes)."

#### 2.1.1 Authorization

Delete first sentence and replace with the following:

"The Government will provide separate funding for procurement and installation coordination of the FF&, A/V, and CEQ packages."

### **SECTION 01 91 00.15 20 TOTAL BUILDING COMMISSIONING**

#### 1.4 SYSTEMS TO BE COMMISSIONED

Delete text "Air-curtain systems".

### **SECTION 07 41 13 METAL ROOF PANELS**

#### 3.13 WARRANTY

Delete this section and subsections in its entirety.

### **SECTION 23 30 00 HVAC AIR DISTRIBUTION**

#### 2.3 Electrical Work

Delete the second sentence within sub-section g and replace it with.

The voltage run input shall accept both AC and DC signals including 120VAC and 24VDC to allow direct connection of the transistorized automation signal to the starter.

### **SECTION 26 29 23 ADJUSTABLE SPEED DRIVE (ASD) SYSTEMS UNDER 600 VOLTS**

#### 1.8.1 Spare Parts

Delete the paragraph in its entirety.

#### 2.1.2 ASD for HVAC Application

Added the following paragraph after 2.1.2.h

"

- (1) Running log of total power versus time.
- (2) Total run time.

i. The ASD must be capable of automatic control by a remote 0 to 10 VDC signal, by BACnet network command, or manually by the ASD control panel.

j. ASDs must include the following operator programmable parameters:

- (1) Upper and lower limit frequency.
- (2) Acceleration and deceleration rate.
- (3) Variable torque volts per Hertz curve.
- (4) Starting voltage level.
- (5) Starting frequency level.
- (6) Display speed scaling.
- (7) Enable/disable soft stall feature.
- (8) Motor overload level.
- (9) Motor stall level.
- (10) Jump frequency and hysteresis band.
- (11) PWM carrier frequency.

k. ASD must have the following protective features:

- (1) An electronic adjustable inverse time current limit with consideration for additional heating of the motor at frequencies below 45Hz, for the protection of the motor.

- (2) An electronic adjustable soft stall feature, allowing the ASD to lower the frequency to a point where the motor will not exceed the full-load amperage when an overload ASD will automatically return to the requested frequency when load conditions permit.
- (3) A separate electronic stall at 110 percent ASD rated current, and a separate hardware trip at 190 percent current.
- (4) The ability to shut down if inadvertently started into a rotating load without damaging the ASD or the motor.
- (5) The ability to keep a log of a minimum of four previous fault conditions, indicating the fault type and time of occurrence in descriptive text.
- (6) The ability to sustain 110 percent rated current for 60 seconds.
- (7) The ability to shutdown safely or protect against and record the following fault conditions:
- (a) Over current (and an indication if the over current was during acceleration, deceleration, or running).
  - (b) Over current internal to the drive.
  - (c) Motor overload at start-up.
  - (d) Over voltage from utility power.
  - (e) Motor running overload.
  - (f) Over voltage during deceleration.
  - (g) ASD overheat.
  - (h) Load and ground fault.
  - (h) Abnormal parameters or data in ASD EEPROM.

### SECTION 31 62 16.16 STEEL H-PILES

#### 1.4.1 Production Pile Acceptance Criteria

Replace "cut-off elevation" with "the bottom of the pile cap".

#### 2.2.4 Pile Caps

Delete section in its entirety.

### 3. Provide responses to PPI's

PPI No.	REFERENCE			QUESTION	GOVERNMENT RESPONSE
	Page	Section	Para		
65				King piles BH115, BH67, BH55 and BH1 have single sheets perpendicular to the alignment of the proposed combiwall structure. The existing face of the MZ Sheet pile wall is shown to be 3'4" behind the centerline of the king piles per detail A1 on DWG SB503. The existing MZ Sheet Pile Wall includes a wale that will remain in place after partial demolition of the MZ Sheet Pile wall and appears to conflict with the transverse sheets to be installed at BH115, BH67, BH55 and BH1. Please confirm contractor is to remove/demo the wale at these locations to allow for the installation of the transverse sheet piles.	See A1/SB503, and yes wale must be cut to install closure. Note that closures will only be required at the ends (BH1 and BH115) since the pier is part of the base bid. KTR may propose alternate closure details to the Contracting Officer for approval. Per note 2, at a minimum KTR must design fluid tight formwork to support the placement of the closure pour.
66	01 30 01	1.4.5		In Attachment H Option 9 will the Certified Technology Specialist - Design (CTS-D) for Audio-Visual, for design and preparation of the A/V package be captured in the HAR%?	The fee would need to be included in the CLIN and is not captured in the HAR%.

67	01 91 00.15 20	1.8		Total Building commissioning section 1.8 indicates the government will hire the service of Commissioning firm and all commissioning specialists required to perform the commissioning work. However the spec also requires commissioning submittals for firm and Commissioning Authority (CxA) qualification. Confirm the government provides the CxA.	Refer to PPI #42 response.
68	01 91 00.15 20	1.4 /1.9		Please reference the Pre-Bid Presentation. Page 35 identifies Burns & McDonnell for plumbing and mechanical commissioning. If available identify who has been contracted to perform the "Air-Curtain Systems", "Lighting Systems", "Energy and Building Management and Demand-Control Systems", and "Building Envelope" commissioning. Also, please provide who has been contracted to be the "Lead Commissioning Specialist (CxA)".	Refer to PPI #42 response.
69	01 91 00.15 20	1.4		The systems to be commissioned includes "Air-Curtain Systems". Please confirm there are no air-curtain systems on this project.	There are no air-curtain systems on the project. See revisions to 01 91 00.15 20 in Amendment 0007 continuation page.
70	01 91 00.15 20	1.8		In light of the government hiring the services of a commissioning firm and all commissioning specialist to perform the commissioning for this project, please revisit and revise specification 01 91 00. Please identify who is responsible for preparing the "Systems Manual". Please identify who is responsible for preparing the Commissioning Report.	Refer to PPI #42 response.
71	C-102	Soil Management Note 4	Section 01 57 19	<p>1. Reference Drawing C-102, Soil Management Plan Note 4 and Specification Section 01 57 19 (Introductory Paragraphs) which respectively require:</p> <p>“For bidding purposes, assume 100% of excavated material will be contaminated. Refer to Specification Section 01 57 19, Temporary Environmental Control and Section 02 61 13, Excavation and Handling of Contaminated Material. Attention is called to the characterization data on the nature and extent of the contaminated material included in 02 61 13, Attachment A.”</p> <p>and</p> <p>“For bidding purposes, assume 100% of excavated material in these areas and all debris from in-water work will be contaminated.”</p> <p>It does not appear as if the contract differentiates between “contaminated” and “hazardous” materials and it is our experience that while all hazardous material is considered contaminated, not all contaminated material is considered hazardous. As Drawing C-102 references bidders to specification section 02 61 13 Attachment A (which contains test results</p>	<p>Pursuant with Section 01 57 19 (Part I – General), assume 100% of excavated material will be contaminated as the waterfront/per landing areas are an Installation Restoration site. It is assumed at this time that excavated material will be nonhazardous for estimating purposes, which is consistent with the September 14, 2019 Tetra Tech ROD that states “Excavated soils will be managed as remedial action construction-derived waste, which will be characterized, transported, and disposed off-site appropriately based on the characteristics of the waste (assumed nonhazardous for estimation purposes)”. Pursuant with 01 57 19 (3.7.1.1 – Sampling and Analysis of Waste) and 02 61 13 (1.2 Description of Work) waste must be demonstrated to be nonhazardous through sampling and analysis. Work must be performed in compliance with all federal, state, or local controls for handling, storage, or disposal pursuant with 01 57 19 (1.2.13).</p> <p>Also, recent construction activities may have resulted in a release of asbestos containing material (ACM) which</p>

				<p>for numerous hazardous materials on site), it could be construed that offerors must assume that all excavated materials and debris from in-water work is both contaminated and hazardous.</p> <p>The costs and risks of the project are significantly impacted by the specific amounts, makeup, and concentrations of hazardous materials, it is not practicable for offerors to make such a broad assumption within their bid pricing. We request that the Government provide clarification distinguishing “contaminated” from “hazardous” materials as it relates to offerors’ required bid price assumptions.</p>	<p>requires an asbestos-contaminated land survey in areas with visible signs of potential asbestos debris (02 61 13 [1.2 – General]). However, at this time, there is no confirmed volumetric estimate for such material if it were encountered. Price per Price Proposal Form Line Item 0014, Option Item 12.</p>
72	02 81 00	1.4.4		<p>2. Reference Specification 02 81 00, Paragraph 1.4.4 which notes (emphasis added):</p> <p>“Comply with Federal, state, and local laws and regulations addressing transportation and management of hazardous materials including but not limited to DOT 4500.9R, OPNAVINST 4110.2, Rhode Island Department of State 250-RICR-140-10-1, and Rhode Island General Law 31-23-37. These requirements are amended frequently and compliance with amendments is required as they become effective. Notify the Contracting Officer immediately if compliance exceeds the scope of work or conflicts with specific requirements of the contract.”</p> <p>Any change in law contemplated by the above referenced specification section could significantly impact the cost and time of performance of the work. Although the contract notes that such changes may “[exceed] the scope of work” or “[conflict] with specific requirements of the contract”, there is no explicit statement that the contractor is entitled to an equitable adjustment for such a change. We request that the Government consider amending the above language to confirm that changes in law which impact the contractor’s cost or schedule will be addressed in accordance with FAR 52.243-4 Changes.</p>	<p>Changes in law which impact the contractor’s cost or schedule will be addressed in accordance with FAR 52.243-4 Changes.</p>

73	01 57 19	3.7.3.1		<p>3. Reference Specification 01 57 19, Paragraph 3.7.3.1:</p> <p>“Hazardous waste generated within the confines of Government facilities is identified as being generated by the Government.”</p> <p>and Specification Section 02 41 00, Paragraph 3.3.1 (Title to Materials): “Except for salvaged items specified in related Sections, and for materials or equipment scheduled for salvage, all materials and equipment removed and not reused or salvaged, shall become the property of the Contractor and shall be removed from Government property. Title to materials resulting from demolition and deconstruction, and materials and equipment to be removed, is vested in the Contractor upon approval by the Contracting Officer of the Contractor's demolition, deconstruction, and removal procedures, and authorization by the Contracting Officer to begin demolition and deconstruction.”</p> <p>Please consider revising Specification Section 02 41 00, Paragraph 3.3.1 to exclude hazardous waste from items which become the Contractor's property and for which title is vested in the Contractor.</p>	<p>Section 02 41 00 is relevant for materials from the demolition of existing structures and utilities and this language would not change. While 02 41 00 (2.1 – Fill Material) does reference the requirement to comply with excavation, backfilling, and compacting of soils, this specification does not include excavated materials (e.g., soil/sediment) as Contractor property for which Section 01 57 19 and 02 61 13 applies. With regards to excavated material (e.g., soils), 01 57 19 Part 1 defers to Section 02 61 13 for the requirements to manage contaminated soil, and Section 02 61 13 (3.8) defers to Section 01 81 00 for the management of such materials that are found to be hazardous. In turn, Section 02 81 00 (3.2 – Onsite Hazardous Waste Management) states that the paragraphs apply to Government owned waste. This would include excavated materials (e.g., soil) for which 02 81 00 (3.3.4) requires the generator (Contracting Officer) sign hazardous waste manifests, not the Contractor.</p>
74	02 81 00	3.2		<p>4. Reference Specification Section 02 81 00, Paragraph 3.2:</p> <p>“Comply with generator requirements in 40 CFR 262 when accumulating hazardous waste onsite.”</p> <p>Please note that 40 CFR 262 contains certain requirements that can only be managed by the generator itself (generator category determination, annual reporting, etc.). Please consider revising the above to: “For hazardous waste generated under this contract, comply with generator requirements in 40 CFR 262 on behalf of the Government when accumulating hazardous waste onsite.”</p>	<p>As related to construction-related hazardous waste generated by the Contractor, this request would not apply. As related to the staging of excavated material that is determined to be hazardous, the staging, labeling as appropriate, storage, BMPs, and adherence with federal/state waste accumulation times, and as otherwise documented in the specifications, will be the responsibility of the Contractor. However, 02 81 00 (3.2) also requires coordination with the installation environmental function and the Contracting Officer. Federal/state requirements (e.g., annual reporting) for the Department of the Navy based on the generator status of the installation are separate from the Contractor requirements under the specifications.</p>
75	Attachment H	Option 11	Collateral Equipment	<p>Please reference drawing A-170 keynote 112. Please confirm the Stand-Alone Gantry is the only piece of CEQ and that it should not be included in the Option 1 price.</p>	<p>The stand-alone gantry crane and monorail hoist are included in the CEQ pricing, Price Proposal Form Line Item 0013, Option Item 11.</p>

77	SB003	Foundati on Notes		Drawing SB003 under note 10 part B. indicates, in the context of encountering an obstruction, that the pile can be offset along the longitudinal axis of the cast in place cap and redriven. Then it indicates the contracting officer will utilize required offset info to determine if the bent cap and piles can accommodate relocation to avoid obstruction. (1) confirm if the cap location or size changes the govt will carry the cost of both (a) the engineering to determine if cap and piles can accommodate the relocation, and (b) any additional costs associated with time and materials of the reconfigured cap above and beyond the caps as shown in the contract documents.	See changes to specification 31 62 16.12 in Amendment 0007 continuation page, and Sheet SB003 FOUNDATION NOTES - STEEL BEARING PILES Note No. 10. The Contracting Officer will provide engineering for cap redesign for an obstruction; the contractor must include a material and labor in Price Proposal Form for Obstructions.
78	01 30 01.00 22	Design, Procure ment and Installati on of Furniture , Fixtures and Equipme nt	3.2 and others	It is clear that the installation of the FF&E and A/V packages are to be performed by the Dealer of Record. Please confirm that the installation of the CEQ package is to be performed by the Dealer of Record.	See changes to specification 01 30 01.00 22 in Amendment 0007 continuation page.
79	Drawing A-170	Keynote 112	Stand- alone Gantry Crane	Please provide a specification for the stand-alone gantry crane	The specification for the Gantry Crane can be found in the FF&E/CEQ Package. See page 26 for the keynote item 112 specification.
80	Attachm ent H	Option 11	Collatera l Equipme nt	Please confirm all testing, commissioning, O&M and training for the gantry crane is included in the Option 11 pricing.	The testing, commissioning, O&M and training are not included in the Option 11 pricing. Gantry crane, Monorail hoist, Product contingency, esimated freight, design/project managment, estimated installation, HAR and SIOH are included in the pricing.
81	Drawing S-503	Detail A3	High Mast Light Pole Foundati on Support	Please confirm this detail is not applicable to this project.	Detail does apply to the project. Refer to electrical sheets ES105 and EL501.
82	Amendm ent 01	Section 00 45 00	Annual Represen tations and Certificat ions	The Annual Representations and Certifications have been revised in Amendment 01 and is missing part of the document. Please provide the complete revised section.	In reference to Amendment 0001; Representation and Certifications; only provisions 52.204-8 and 52.219-1 were updated, to revise the NAICS code from "236220" to "237990" (denoted in red).
83	07 41 13	1.8.3 and 3.13	5 year Installer Warranty	Please confirm the installer's warranty is 5 years. There is a discepany between the heading and the body of the warranty form.	The Manufacturer warranty on the panel system is 30 years, the metal roof system installer warranty is 5 years. Disregard section 3.13 as this section is not required for this project. See revisions to 07 41 13 in Amendment 0007 continuation page.



84	07 41 13	1.81.b and 3.13	Response Time for Emergency Repairs	Please confirm the response time is 48 hours as described in the warranty. There is a discrepancy between the specification (24 hours) and the warranty (48 hours).	24 hours is correct per section 1.8.1.b. Disregard section 3.13 as this section is not required for this project. See revisions to 07 41 13 in Amendment 0007 continuation page.
85	P-641	Air Compressor Schedule	Note 1: Air Compressors is Owner Provided	Please confirm the air compressors are being supplied by the owner and installed by the contractor. If confirmed, then please clarify responsibilities for testing, O&M and training. Please address any revisions to specification 22 00 00 section 2.12.1 based on types of air compressors being provided	KTR to provide air compressor. Note 1 with equipment schedule will be removed within Amendment 007
86	S-143, Spec 03 30 00	Vapor Mitigation	S-143 Note 1 & 2; Specification 2.4.5	Drawing S-143 (178 of 504) calls for 10 mil vapor barrier under the building slabs. Specification 03 30 00 part 2.4.5 calls for a 20 mil vapor barrier. Please confirm the required thickness.	Vapor barrier to be 20 mil thickness per specs. Drawings to be updated in Amendment 0007 "NOAA OMAO Amendment_0007_Drawings"
87	23 25 00	Chemical Treatment of Water for Mechanical Systems	Dwg P-542 Detail C3 Dwg M-503 Detail A4	Please confirm specification 23 25 00 is applicable to this project. Please reference drawing P-542 detail C3 and drawing M-503 detail A4. Neither detail provides the location of a chemical feeder. If specification 23 25 00 is applicable to this project, then please update details C3 and A4 to include the chemical feeder.	Please see sheet M-801 for chemical feeder. Also see sheet M-507 detail C1.
88	23 81 29	3.3	System Performance Test	Because the VRF system is designed and components are called out in the drawings please confirm any redesign, correction of deficiencies and retesting of system required because of system performance will be compensated as a change to the contract.	KTR to provide air compressor. Note 1 with equipment schedule will be removed within Amendment 0007 "NOAA OMAO Amendment_0007_Drawings"
89	Various Specs	Various Drawings	Equipment Pads	There are multiple references to equipment pads in the specifications. There are multiple details of equipment pads in the drawings. Please confirm the contractor should rely on the equipment pad details provided in the drawings for estimating purposes	Confirmed. Use detail A2/S-502 for estimating purposes.
90	26 29 23	1.8.1	Spare Parts	Please provide the recommended spare parts for manufacturer to provide.	Paragraph 1.8.1 does not apply to this project and will be removed from the spec section 26 29 23. See revisions to 26 29 23 in Amendment 0007 continuation page.
91	27 32 50.00 22	2.4.1	Base Master Station	Please provide the location of the base / master station described in the Elevator 2-Way Communication Spec.	See sheet TN141 sheet keynote 3 for base station location.
92	Drawing I-140	FF&E Schedule	Cabinets and Mounting Brackets for Fire Extinguishers	Please confirm furnishing and installing of the Fire Extinguisher Cabinets and Mounting Brackets is included in Option 10 - FF&E	The furnishing and installation of fire extinguishers are included in the FF&E price. The fire extinguisher cabinets are not included in the FF&E price and should be included in Price Proposal Form Line Item 001. Refer to specification 10 44 16 for fire extinguisher cabinets and brackets. Refer to sheets GI141 and GI170 for locations.

94	31 21 13	3.3.2	Radon Mitigation Performance Issues	Because the Radon Mitigation System is designed and components are called out in the drawings please confirm any redesign, installation modifications and retesting of system required because of system performance will be compensated as a change to the contract.	See para. 3.3.2.2 sub part d within section 31 21 13.
95	31 23 00.00 20	3.3, 3.4, 3.6, 3.10, Attachment H - Option 6 Drwg S-001 Note 5.B.2	Process for determining whether subgrade is suitable	<p>After reviewing the specifications, the description of Option 6, and the notes in the drawings we are seeking clarity on subgrade acceptance by the CO. Note 2 requires the contractor to notify the CO rep when loose or soft soils are exposed.... so that a determination may be made regarding the improvement of this potentially undesirable condition. If there were no other notes / specs then exercising Option 6 - undercutting and disposing of unsuitable subgrade material and replacement with Structural Fill would be the solution. However, the specifications don't provide a clear path to subgrade acceptance:</p> <p>3.3 - Excavation "Excavate to contours, elevation and dimensions indicated.", "Excavations below indicated depths will not be permitted except to remove unsatisfactory material. Unsatisfactory material encountered below the grades shown shall be removed as directed. Refill with satisfactory material and compact to 95% of ASTM D1557 maximum density."</p> <p>3.3.6 - Final grade of surfaces to support concrete "Excavations to final grade shall be made until just before concrete is placed."</p> <p>3.4 - Subgrade Prep "Unsatisfactory material in surfaces to receive fill or in excavated areas shall be removed and replaced with satisfactory materials as directed by the CO."</p> <p>3.4.1 - Proof Rolling "After stripping proof roll the existing subgrade of building....Rutting or pumping of material shall be undercut as directed by the CO and replaced with select material."</p> <p>All these sound a lot like what is described above in Note 2 and Option 6. Then you read specification 3.10 - Compaction "Determine in-place density of subgrade; if required density exist, no compaction of existing subgrade is required." and 3.10.2 - Structures, Spread Footings and Concrete Slabs "Compact top 12 inches of subgrade to 95% of ASTM D1557."</p> <p>Did the criteria for subgrade acceptance just change? That if, the existing subgrade is tested and does not pass 95% compaction, then the contractor owns the effort of compacting the top 12 inches of subgrade? This could include removing subgrade</p>	<p>The criteria for subgrade acceptance did not change, Section 3.10 Compaction is an additional requirement to prevent/minimize settling. Contractor is responsible for compacting the the subgrade, and removal of subgrade material for compaction may be required.</p> <p>Contractor shall meet subgrade preparation and compaction requirements as specified. Sections 3.10 and 3.10.2 are applicable to all concrete structures.</p>

				<p>material in order to get 95% compaction 12 inches deep.</p> <p>How do we interpret specifications 3.10 and 3.10.2 in light of:</p> <p>Specification 3.3 where "excavation below indicated depths will not be permitted"?</p> <p>Specification 3.3.6 where "excavations to final grade shall be made just before concrete is place"? Specification 3.4.1 the proof rolling spec's visual determination of subgrade acceptance?</p> <p>Specification 02 61 13 section 3.3.2 where excavation is limited to depth and extent shown on drawings?</p> <p>Are specifications 3.10 and 3.10.2 applicable to:</p> <p>The subgrade below pile founded pier caps and foundations?</p> <p>The subgrade below grade beams?</p> <p>The subgrade below footing, pad or slab placed on crushed stone or structural fill?</p> <p>The subgrade below the building slab?</p>	
96	Option 6	Drawing S-370	Structural Fill	Please provide a specification for structural fill.	See Amendment 0007, continuation page. Structural Fill requirements have been added to specification 31 23 00.00 20.
97	31 62 16.16	1.4.1 and Drawing S-002 Note G.5.C	Minimum Pile Tip	Please confirm the minimum pile tip elevation is 25 feet below pile cut off elevation.	Minimum pile tip elevation is 25 feet below the bottom of pile cap, per the drawings. Updates to specification issued in Amendment 0007 continuation page.
98	31 62 16.16	2.2.4	Steel Pile Caps	Please confirm no steel pile caps are required.	See Amendment 0007, continuation page. Confirmed. No steel pile caps are required.
99	Drawing S-612 Keynote 13	Drawing S-351 Detail B-1	Wall Brace to Joist Connection	Please provide the wall brace to joist connection detail.	Detail B-1/S-351 is updated in Amendment 0007 "NOAA OMAO Amendment_0007_Drawings"
100	Spec 05 50 16	Section 2.4.f	Handrail Material on Substation Platforms on Pier	Detail C4 on drawing SB-520 calls out the handrail on the pier substation platforms to be aluminum. Specification 05 50 16 Section 2.4.f calls out Steel Guide Railing. Please confirm the guide railing on the pier substations is steel.	See response to PPI #60

101	Specifications Attachment		Specifications attachment final submittal document 1562331_spc_att_101 indicates in several locations throughout that asbestos is present in sediment, and while there is no current risk associated with asbestos in sediment, there may be potential future risk if the associated sediment were to be dredged and allowed to dry out. In summary our understanding is the response action will include safeguards to protect potential future receptors from this potential and that the navy determined that it would be appropriate to include a response action for asbestos in sediment to address the concern by developing documentation precautionary measures and safe work practices. Scenario (1): During the course of marine construction contractor will predrill the sheet pile for the bulkhead which is required by spec and introduce temporary materials such as pin piles into the sediments with periodic removal as a course of normal means and methods for marine construction. During removing the drill and temporary materials required for marine construction the potential for sediments with asbestos may be removed from water. Question (1): will the sediment removed from water need be contained, tested, and disposed of appropriately Please Clarify. Question (2): Where is the containment, handling, testing, and disposal of the sediments with potential asbestos paid for in Attachment H? Please clarify. Question (3): Will government consider providing an allowance to include in the estimates for bidding purposes which is intended to capture the contractors costs associated with containing, handling, testing, and disposal of sediments with asbestos?	As indicated in 02 61 13 (1.2 – General), “...as relevant for Site 19/Operable Unit 12 (or other areas with visible signs of potential asbestos debris) ...Asbestos-contaminated land surveys should be performed...”. Also, 01 57 19 (3.10 – Control and Management of ACM), the Contractor is required to “Manage and dispose of asbestos-containing waste in accordance with 40 CFR 61, Rhode Island Rules and regulations...and all federal, state, and local requirements.” While it has been reported that recent construction activities may have resulted in a release of asbestos containing material (ACM), at this time, there is no confirmed volumetric estimate for such material if it were encountered. This includes sediment that is within 0U5 (marine sediment) that is within ERP Site 19.
102	Attachment H	Option 7	Attachment H - Option 7 pay item indicates underwater debris removal and disposal, in accordance with the drawings and specifications, for the bulkhead, for objects and debris larger than 0.25 cy. Question (1): If an obstruction is encountered which is assumed greater than 0.25 cy and cannot be removed by excavation and must be overcome by means of DTH Hammer, spudding, or other means to break the obstruction in order to advance the pile then how is the contractor paid for the additional level of effort, time, and materials associated with the DTH Hammer, Spudding, or other means required to advance the pile? Question (2): if an obstruction is encountered which is assumed greater than 0.25 cy and it is determined the most economical means for removal is by excavating the material then	See Amendment 0007, Upadted Attachment H-Price Proposal Form R4. Option 7 is intended for debris removal that can be picked up with a clam shell or similar means, effort for use of DTH hammer will be carried in the Obstruction Line item.

				is the contractor paid for the excavated material in addition to the debris which is larger than 0.25 cy? Question (3): if an obstruction is encountered and removed via excavation and the excavated material is contaminated where is the handling, testing, and disposal of the contaminated material paid?	
103	Attachment H	Option 7		Attachment H - Option 7 pay item indicates to provide underwater debris removal and disposal, in accordance with drawings and specifications, for the bulkhead, for objects and debris larger than 0.25 cy encountered. Question (1): Confirm this pay item is applicable to removal of obstruction and debris in water larger than 0.25 cy at all planned trestle and pier water side pile locations	Attachment H Option 7 is only for debris removal at the bulkhead effort on the pier and trestle if anticipated may be included under the line item for Obstructions.
104	General			Our understanding of the requirements for the sheet pile bulkhead installation are as follows: Contractor is to perform the indicator pile program to find top of glacial till. Contractor is to prob prior to installing sheets and contractor is to predrill to loosen soil but the diameter of the drill shall not exceed 8 inches and minimum center to center distance of the hole is 16". If an obstruction is encountered which is greater than 0.25 CY it is removed under Option 7 and paid for by the Unit Price per Ton. Clarify the following: (1) if obstructions are found along the length of the wall such as rip rap under the sediments and a significant volume of sediment along the wall is required to be moved to expose the rip rap for removal where is the cost of moving the sediments paid? (2) if sediments require removal and disposal will government permit decanting the barge and reintroducing the decanted water into the waterway with follow on transloading of the sediments to land for testing, and appropriate disposal? (3) where is this work paid which includes the handling of sediments, decanting sediments, transloading sediments to land, testing, and follow on disposal?	The intent of Obstructions are for Bearing Piles and not king piles, which are covered under the STEEL COMBINATION PIPE-Z BULKHEAD notes on sheet SB003. To make this point crystal clear, the first set of foundation notes has been renamed FOUNDATION NOTES - STEEL BEARING PILES. Also this project is not intended to be a dredging project, we do not anticipate sediment disposal.
105				Please confirm that pier fender piles (16" Pipe Pile) do not have an axial capacity requirement, and acceptance of fender piles relies on minimum tip elevation for lateral stability only.	PDAs are not indicated for Steel Fender Piles on Sheet SB603 therefore they must be driven to indicated minimum pile tip elevation to establish lateral stability.
106				Please confirm if the axial capacity requirement noted on drawing SB003 for 18" pipe piles also applies to the 18" combiwall king piles, or if the 18" combiwall king piles are only required to be driven to minimum tip elevation to establish lateral stability.	PDAs are not indicated for Bulkhead for King Piles, which are covered under STEEL COMBINATION PIPE-Z BULKHEAD. The correct response is that All of the steel piling in the Pipe-Z bulkhead must be driven to minimum tip elevation to establish lateral stability, as indicated on sheets SB601 and SB602.

107				Specification 31 62 16.13 Paragraph 3.2.8.1 states "...and the obstruction cannot be cleared by their drilling or spudding,..." with respect to obstructions encountered during pipe pile driving. Note 6 on Drawing SB003 under "FOUNDATION NOTES - STEEL PIPE PILES" states "Spudding and/or jetting of steel pipe piles will not be allowed." These appear to be contradictory, please confirm spudding of pipe pile will be allowed if an obstruction is encountered.	See Amendment 0007, continuation page. Spudding is permitted, Jetting is not. Note 6 has been revised.
108				Clarify if past project with DBE goals versus SB goals can be used to complete Attachment E Historical Small Business Utilization form	No, Bid per RFP.
109				Specification 31 62 16.13 Paragraph 2.2.1.A.1 states Helical-lap seams are not permitted for steel pipe piles. Drawing SB002 states Steel Pipe Piles must conform to the following "ASTM A252, GRADE 3 MODIFIED FY=60 KSI". Please confirm spiral weld pipe pile are permitted.	Bid per RFP, please note that a spiral welded pipe pile is not a helical-lap seam pile, spiral welded piling is acceptable.
110	Specifica tion	01 57 19	3.3.1	Per Spec 01 57 19 3.3.1 "Discharge of ground water is prohibited. All ground water is to be collected into frac tanks and disposed of offsite in accordance with state regulations and specification 02 61 13". Spec 02 61 13 3.3.4 states to "Capture, sample, and dispose of dewatering effluent in accordance with all local, state, and federal laws. Due to the unknown qty of potential water disposal encountered during deeper utility installations, and the requirement for these liquids to be stored in 55 gal drums or 500 gallon tanks, please clarify if it is allowable to treat the groundwater on site to within the given laws and discharge/percolate on site.	Per the referenced specification, "Discharge of ground water is prohibited". This does not allow for treatment and then discharge. However, Contractors have the option to perform treatment that may reduce disposal costs at their discretion. This is in part related to the ongoing Land Use Controls within Site 19 and the potential for treated groundwater from dewatering to become recontaminated if discharged/percolated on site.
111	DWG C- 002	Note 4		Per DWG C-002 (Sh. #50) Soil Management Plan Note 4 "For bidding purposes assume 100% of excavated material will be contaminated." Due to the drastic potential of cost differential related to contaminated non hazardous soils, and therefore potential of increased bid pricing to NAVFAC, please confirm if all materials shall be considered to be disposed as subtitle D materials. If not, please provide unit payment items, or expected bidding criteria, for cost differentials associated with the various levels of contaminated soils.	See response to PPI #71. As stated in a previous response to comment, it is assumed at this time that excavated material will be nonhazardous.
112	Attachm ent A			Per attachment A there is the potential for hazardous soils within the site to be excavated and stockpiled. Please confirm handling and disposal of hazardous soils will be a change order to the Contract.	See response to PPI #71. As stated in a previous response to comment, it is assumed at this time that excavated material will be nonhazardous.

113	General			Please confirm excavated soils for utilities can be utilized for trench backfill operations.	Reuse of excavated soils is permitted if the excavated material meets the material requirements at the intended location. See 31 23 00.00 30 - Section 3.3. Backfill and Fill material shall be in accordance with 31 23 00.00 20 Section 2.1.4.
114	DWG C-002	Note 3		Per DWG C-002 (Sh. #50) Soil Management Plan Note 3 "Disturbed area within the BLDG 11 Parking area site shall be recapped with approved engineering controls. Please confirm these controls apply to the entire site to be regraded, and if so, is the top soil and seeding materials <u>in addition to</u> or <u>part of</u> the system. For instance; 4" topsoil & seed + 1' of clean fill + geotextile liner, OR 4" topsoil & seed + 8" clean fill + geotextile liner.	Recapped engineering controls apply to all disturbed areas, refer to CD102 Sheetnote 2. Top soil and seeding materials are included as part of clean fill cap system, refer to C-501 Detail D3.
115	DWG C-002	Note 2		Per DWG C-002 (Sh. #50) Soil Management Plan Note 2 "Disturbed area within the pier landing site shall be recapped with approved engineering controls. Please confirm these controls apply to the entire site to be regraded, and if so, is the top soil and seeding materials <u>in addition to</u> or <u>part of</u> the system. For instance; 4" topsoil & seed + 6" of clean fill + cover system, OR 4" topsoil & seed + 2" clean fill + cover system. Please also confirm that the 2" of asphalt or concrete shall not apply to landscaped areas.	Recapped engineering controls apply to all disturbed areas, refer to CD101 Sheetnote 3. Top soil and seeding materials are included as part of clean fill cap, see revisions to C-501 Detail D4 in Amendment 0007 continuation page.
116	General			Please confirm in-situ soil testing will be allowable by Contract to classify existing soils for disposal purposes based on expected quantities per location.	For soil targeted for off-site disposal, in-situ testing is acceptable if (1) such sampling is described in a NAVSTA Environmental Office-approved Work Plan per 02 61 13 (1.2.2 – Work Plan) and this is acceptable to the receiving disposal facility (02 61 13 [3.5.1]). Sampling must comply with the requirements in the specifications in addition to any additional requirements by the disposal facility. However, for soil that is being considered for reuse on site, separate stockpile testing will be required pursuant to 01 57 19, 01 57 19.01 20, and 02 61 13 (e.g., Subsection 3.4.1 – stockpiles & 3.5.1 – Sampling of Stored Material) prior to reuse also commensurate with an approved Work Plan.
117				Please provide a copy of draft contract language.	A draft contract is not available at this time.
118	1	35 59 35	1.1	Per Spec Section 35 59 35 "Mooring Fittings" the material specifications call for ductile iron moorings. Will cast steel moorings be an acceptable alternate for these marine bollards?	No, bid per RFP

119	Spec	03 45 33 Precast Structural Panels		<p>1. Section 2.2.7.1 Reinforcing Bars calls for the use of ASTM A706/A706M (weldable rebar), Grade 60 Reinforcing.</p> <ul style="list-style-type: none"> <li>• Is ASTM A615 Grade 60 Reinforcing Bars an acceptable option for this requirement if no welding is required?</li> </ul> <p>2. Section 2.3.9.3 Concrete Curing part b. calls for 6-inch concrete test cylinders.</p> <ul style="list-style-type: none"> <li>• Will 4-inch x 8-inch test cylinders be accepted for compressive strength test?</li> </ul> <p>3. Section 2.3.9.3- part b. states curing stops when minimum design compressive strength (5,000 psi) is reached. Part c. in conflict calls for curing of precast panels for a minimum of 7 days or longer until a minimum compressive strength of 5,000 psi is confirmed by cylinder compression test</p> <ul style="list-style-type: none"> <li>• If the precast panels obtain the required minimum compressive strength of 5,000 psi in less than 7 days, does moist curing need to continue?</li> <li>• Part d. Moist Curing – will stacking of precast panels and covering with burlap as one unit be acceptable for the moist curing process? Or does each panel need to be moist cured independently (extremely impractical)?</li> </ul> <p>4. Section 2.4 Tests, Inspections, and Verifications 2.4.2 &amp; 2.2.2</p> <ul style="list-style-type: none"> <li>• How often does the Chloride Ion Concentration ASTM C1218/C1218M and Penetration Test ASTM C1202 need to be performed throughout the duration of this project?</li> </ul>	<p>Bid per RFP, additional information:</p> <p>1. ASTM A706 is selected for galvanizing, all waterfront structural reinforcing steel on this project is ASTM A706 hot dip galvanized after fabrication.</p> <p>2. Provide 6 in. cylinders, fewer cylinders are required, results are generally more accurate</p> <p>3. (c). minimum curing period is 7 days, if after 7 days the concrete has not reached f'c continue curing until f'c has been reached. (d). note first word of (1) "If units are to be moist to be moist cured..."</p> <p>4. "Must be proportioned..." indicates that the chloride ion testing is required for the "Concrete Mix Design" Submittals Only</p>
120	General	Permits		Please provide the applicable permits for this project	Please see Amendment 0001, revised specification; "NOAA OMAO Amendment 0001_Specifications" Attachment G, for required permits.
123	11	35 59 35	2.2.7.1	Specification 03 45 33 Precast Prestressed Structural Panels, Section 2.2.7.1 Reinforcing Bars calls for the use of ASTM A706/A706M (weldable rebar), Grade 60 Reinforcing. Is ASTM A615 Grade 60 Reinforcing Bars an acceptable option for this requirement if no welding is required?	See response to PPI 119, Bid Per RFP, and Use ASTM A706 for all waterfront structural reinforcing steel.
124	14	35 59 35	2.3.9.3	Specification 03 45 33 Precast Prestressed Structural Panels, Section 2.3.9.3 Concrete Curing Part b. calls for 6-inch concrete test cylinders. Will 4-inch x 8-inch test cylinders be accepted for compressive strength test?	See response to PPI 119, -- provide 6" cylinders
125	14	35 59 35	2.3.9.3	Specification 03 45 33 Precast Prestressed Structural Panels, Section 2.3.9.3 Concrete Curing Part b. states curing stops when minimum design compressive strength (5,000 psi) is reached. Part c. in conflict calls for curing of precast panels for a minimum of 7 days or longer until a minimum compressive strength of 5,000 psi is confirmed by cylinder compression test. If the precast panels obtain the required	See response to PPI 119, and also PCI MNL-116 as indicated in Subpart 2.3.9.3



				minimum compressive strength of 5,000 psi in less than 7 days, does moist curing need to continue? In reference to Part d. Moist Curing, will stacking of precast panels and covering with burlap as one unit be acceptable for the moist curing process, or does each panel need to be moist cured independently?	
126	16	35 59 35	2.4	In reference to Specification 03 45 33 Precast Prestressed Structural Panels, Section 2.4 Tests, Inspections, Verifications, how often does the Chloride Ion Concentration ASTM C1218/C1218M and Penetration Test ASTM C1202 need to be performed throughout the duration of this project?	See response to PPI 119, -- provide 6" cylinders
127	SB503 and SB110	Detail A1	-	Detail A1 on Sheet SB503 of the Structural Waterfront drawings does not match what is shown on the dashed areas at the ends of the Bulkhead shown on sheet SB110. Detail A1 on sheet SB503 appears to depict single return sheets perpendicular to the bulkhead at king pile locations BH55 and BH67. Please provide further detailing of single return sheets at the ends of the bulkhead and expansion joint, king pile locations BH1 and BH115, and BH55 and BH67, respectively. Are these single return sheets to be connected to the existing bulkhead? Single return sheets at BH55 and BH67 are not included in the pile schedule on sheet SB601 of the Structural Waterfront drawings.	See responses to PPIs 7, 10, and 65, note that only place that return are required are at the two ends of the bulkhead, initially the pier and trestle were bid portions, but now are part of the base bid, such that the no additional breaks in construction are required as indicated on the contract drawings.
128	SB003	-	-	On Sheet SB003 of the Structural Waterfront drawings, Note 9 of the Foundation Notes – Steel Pipe Piles section says to include encountered obstructions at 10 pile locations for the purposes of bidding. Assuming this only applies to pipe piles at the pier/trestle, how should obstructions be handled for king piles and sheeting for the bulkhead?	See responses to PPIs 76 & 77, See Amendment 0006, Upadted Attachment H-Price Proposal Form R3 has been amended to include 10 obstructions
129	-	-	-	There is no bid item for dynamic testing of king piles. Please confirm dynamic testing of king piles shall be included in bid item 0001F: "Price to provide PP18.0x0.500 King Piles for the Bulkhead..."	See responses to PPIs 76 & 77, See Amendment 0006, Upadted Attachment H-Price Proposal Form R3 has been amended to include 10 obstructions
130	-	-	-	The total quantity of H-pile (3760 VLF) for Administration/Warehouse Facility does not include VLF for the 6 EA test piles (45 ft/each). Please confirm where to include pricing to furnish and install the 6 EA production piles that call for dynamic testing.	Please see Amendment 0007, Updated Attachment H- Price Proposal Form Revision 4, item 0001B has been edited to include the length of test piles in the total VLF of foundation piling for the Admin/Warehouse Facility.
131	SB519	35 51 13	2.2.2.a	Drawing SB519 shows the gangway design live load at 100 PSF. Specification 35 51 13 Paragraph 2.2.2.a states " Uniform live load of 50 PSF on dock, including the areas of landing and gangway supported by the dock." Please clarify the live load requirements.	Bid per RFP, 50 psf on floating dock, and 100 psf uniform live load on Gangway. The gangway is an "exit" per "building" code

132		03 31 30	1.9.5.1	<p>The referenced specification directs the contractor to use corrosion inhibitor in tidal or immersed condition which includes the first stage pile caps. What is considered the first stage pile cap? Is it correct to assume the only concrete to have corrosion inhibitor included will be the pipe pile fill and the combi-wall encasement? Or, are the pile caps, gangway support platform, pier trench bottom and trestle lower wall also to receive corrosion inhibitor?</p> <p>Please provide a list if all trestle and pier elements which are to have corrosion inhibitor included in the ready mixed concrete.</p>	<p>The first stage pile cap is the first portion of the pile cap that is placed, see A1/SB501 as first stage pile cap is 2'-0" deep for PP18, and 2'-8" deep for PP30 piling (Also indicated on the Substructure Plans. Tidal or immersed conditions are at or below MHHW as indicated on SB001 (Below the High Water Mark). List: First Stage Trestle, Pier and Landing Pile Caps, Bulkhead Facial Wall (From EL 0.0 to approx sheet pile cutoff elevation EL 10.25 or EL 8.0), Trestle Facia Beam, lower portions of pier utility trench, at or below top of first stage pile cap.</p>
133	SB507			<p>There is a discrepancy in the detailing of the expansion joint shear key. Detail B1 indicates that the pile caps will have the shear key because the cap widths change at the key. If this is the case, there is no need for the bent 19 deck to cantilever over on to cap 19. The 6 " expansion joint should be straight in Detail B1 with no cantilever (2" clear space) over cap 20. If the intent is to have the bent 19 deck cantilever over on bent 20, then there is no reason to change the bent 19 and 20 cap widths as the key will then only be in the deck.</p> <p>Please provide a revised B1 detail for the expansion joint shear key.</p>	<p>Bid per RFP. The expansion joint shear key is contained within the pile cap geometry and will not be visible topside. The expansion joint hardware will extend across the topping slab in a straight line. To enable this layout, Bent 19 topping will "cantilever" Bent 20 pile cap keeping the 6" typical gap.</p>
134	Solicitation	Factor 2		<p>Solicitation Factor 2 indicates the narrative shall not exceed 5 double-sided or ten single sided pages and the schedule is permitted on 11x17 pages. Advise if an 11x17 will be permitted for a work chart in the factor 2 narrative as one of the 10 single sided pages.</p>	<p>No, Bid per RFP.</p>
135	ES111			<p>Plan Sheet ES111; The "Out-Bound" island shows what looks to be a Bollard and Card Reader (CR) Post, however there is no "CR" called out, nor is there any conduit going to this island. Please clarify.</p>	<p>The island interior to the security fence will not have a card reader. Users will need to badge in but not out. No conduit or card reader required at "outbound" island.</p>
136	ES107			<p>Between (E)EMH4123E and (E)EMH4122E on Plan Sheet ES107; is it the intent to install New Conduit between these two (2) existing structures, as per schedule note 16 and 17, or is it the intent to install new conductors in existing ductbank as per keynote 1, please clarify?</p>	<p>Feeder schedule identifiers 16 &amp; 17 indicate new conduit per the Feeder Schedule on ES101. Feeders are to be installed in existing conduit per Note 1 which only reflects the span between EMH4122E and EMH4121E on ES107.</p>
137	ES107-ES109			<p>Between (E)TMH 'I' (ES107) and Building 1318 (ES109), is it the intent to replace the existing telecom ductbank with new ductbanks?</p>	<p>No. The intent is to install new cabling but not new conduit. There is existing spare conduit between TMH "I" and BLDG 1318. The "Cx" linetype is an existing communications linetype.</p>
138				<p>What is the existing fire alarm manufacturer (Simplex, Notifier, etc.) at the base?</p>	<p>The base head end fire alarm reporting system is Digitize 3505, listed in Spec 28 31 76 Section 1.8.a. The specific fire alarm manufacturer can not be sole sourced as this is a government project.</p>

139	Dwgs sheet 262 thru 264			Where no devices are shown on fire alarm plans FA141, FA142, and FA143, is it the intent to have the electrical contractor design the system or is more design forthcoming?	For areas that do not include device hatching on FA141, FA142, and FA143, no devices are required and must not be included.
140				Will the admin buildings fire alarm system have to tie back to an existing fire alarm system on base or is this new system stand-alone?	The Admin Building's fire alarm system must tie back to the base's existing fire alarm system.
141		Spec 283176	3.3.3 & 3.3.3b	Specification section 283176 3.3.3 notes to provide all wiring in rigid metal conduit or IMC, however, 3.3.3.b notes EMT is permitted above suspended ceilings or exposed where not subject to physical damage. Can you please confirm if the use of EMT is acceptable for fire alarm wiring?	The use of EMT is acceptable as described in Spec 28 31 76 Section 3.3.3.b.
142		014535		Can you please confirm seismic design is not required per Statement of Special Inspections 014535?	Refer to 01 45 35 attachment "WATERFRONT STATEMENT OF SPECIAL INSPECTIONS" for seismic requirements at waterfront structures. Some seismic design of non-structural components is required. Note that Designated Seismic Systems are indicated for plumbing items on the trestle and pier. For example, see Section 13 48 73 Seismic Control for Mechanical Equipment, for MEP equipment on the waterfront structures. Refer to 01 45 35 attachment "BUILDING STATEMENT OF SPECIAL INSPECTIONS" for the landside structures - seismic design of non-structural components is not required for the building structures. Designated Seismic Systems (DSS) do not apply to the building structures as noted in the attachment.
143				Is the use of MC cable permitted where concealed above acoustic ceiling and within walls?	The use of MC cable is prohibited on the project. FMC will be allowed for 6' whips to equipment that vibrates or to lighting fixtures. Conduit must be used in all other scenarios.

## SECTION 00 10 00 - SOLICITATION

The required response date/time has changed from 02-Jun-2023 02:00 PM to 23-Jun-2023 02:00 PM.

(End of Summary of Changes)