

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE PAGE OF PAGES
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2. AMENDMENT/MODIFICATION NO. 0002	3. EFFECTIVE DATE 05/29/2015	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE NAVAL FACILITIES ENGINEERING COMMAND MID-ATLANTIC PWD NEWPORT BLDG 1 SIMONPIETRI DRIVE NAVAL STATION NEWPORT NEWPORT, RI 02841-1712	N40085	7. ADMINISTERED BY (If other than Item 6) CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)	<input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO. N40085-15-R-3114
	<input checked="" type="checkbox"/> 9B. DATED (SEE ITEM 11) 03/23/2015
	<input type="checkbox"/> 10A. MODIFICATION OF CONTRACT/ORDER NO. <input type="checkbox"/> 10B. DATED (SEE ITEM 13)
CODE	FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.

Offers 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 your 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 ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	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.
<input type="checkbox"/>	
<input type="checkbox"/>	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).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, 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.)

The purpose of this amendment is to respond to submitted questions, provide additional drawings/sketches and incorporate the most recent Davis Bacon Wage Decision dtd 4/3/2015.

The proposal due date is extended to 2:00 PM, EST, 15 Jun 2015. The cutoff date for questions is 05 Jun 2015.

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)
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA
15C. DATE SIGNED	16C. DATE SIGNED
(Signature of person authorized to sign)	(Signature of Contracting Officer)

Amendment 02 includes:

- NAVFAC Responses to Contractor Questions
- Changes to RFP Part 3, D30, Mechanical
- Additional Scope Work Requirements- Specification Section Excerpts to be included in contract
- Refer to attached floor plan indicating Pots and Pans Room
- Refer to attached specification "Solar Water Heating Equipment 22 33 30.00 10"
- Refer to revised Bid Schedule as attached in Amendment 02
- Refer to existing drawings and existing solar equipment drawings and specifications as Uploaded

Question No. 1: Are Structural Drawing Available

NAVFAC Response: Existing structural drawings are available. As part of the Design Build Contract, the Designer of Record shall be responsible for reviewing the existing conditions as part of the 35% submission. The contractor shall field verify and evaluate existing conditions, and provide detailed CADD files and drawings of the existing conditions prior to start of the design work. Contractors may view existing condition drawings in the NAVSTA Newport archives upon request.

Question No. 2: Part 2, Attachment A, paragraph 24.3.c states that a 150 mph wind warranty is required. We have contacted 3 major EPDM manufacturers (Carlisle, Manville & Firestone) and the maximum wind warranty available is 120 mph. Can you provide the name of the manufacturer that will provide this 150 mph warranty?

NAVFAC response: The roof shall be designed to meet a wind speed of 150 mph. The roof warranty is separate and the contractor shall provide a roof warranty for no less than 120 mph for 20 years. All design and construction work shall comply with applicable Uniform Facility Criteria (UFC), International Building Code (IBC), National Electric Code (NEC), International Mechanical Code (IMC), ASHRAE Standard 90.1 requirements and Architectural Barriers Act (ABA) standards.

Question No 3. The RFP calls for new ventilation in the Pot & Pan Room. The existing drawings do not show this room. Can you please identify the room as shown on drawing 16107-168 (994,671) and numerate the equipment in this room(s)?

NAVFAC response: See attached sketch.

Question No 4: It appears that there are 19 exhaust fans on the roof along with 5 gravity hoods. However the RFP calls to remove and replace 9 exhaust fans and 6 gravity hoods. Can you please identify the units to be replaced? Are they to be replaced in-kind without design calculations?

NAVFAC response: All existing roof exhaust fans and gravity hoods are to be replaced in kind, same capacity, without design calculations as part of the scope of work. For bidding purposes, include 19 exhaust fans and 5 gravity hoods.

Question No. 5: The RFP calls for replacing the 3 rooftop DX air handling units. Are these to be replaced in-kind without design calculations? If no, current Code will most likely require significant additional fresh air resulting in larger capacity units. Will the existing energy (electric or NG) be adequate for larger units?

NAVFAC response: All existing roof top AHU's are to be replaced in-kind, same capacity, without design calculations as part of the scope of work. For bidding purposes, include 3 replacement AHU's.

Question No 6: Is a temporary hot water system required during the thermal solar panels downtime for removal and reinstallation?

NAVFAC response: The solar system is used as backup system and the existing hot water system can operate independently of the solar panels.

Question No. 7: The RFP calls for the removal and replacement of all window/door/louver sealants. Is this for the entire building or only the openings above the roof level?

NAVFAC response: Refer to the revised Bid Schedule in Amendment 02 for quantities.

Question No. 8: The RFP calls for the investigation of all existing HVAC equipment with interviews of Users and records research. What is the expected deliverable for this investigation and how does it affect the construction?

NAVFAC response: No additional deliverable is required. Investigation shall be included as part of 35% design of product selection of replaced in-kind HVAC equipment.

Question No. 9: Will the existing building be occupied during construction.

NAVFAC Response: The building will be occupied during construction.

Question No 10: The RFP requires the removal and replacement of the HVAC units on the roof. Does the Navy require a like and kind replacement or will the Navy be expecting a new design compliant with UFC 3-410-01fa and 4-722-01n.

NAVFAC response: All existing HVAC roof top equipment is to be replaced in-kind, same capacity, without design calculations as part of the scope of work.

Question No. 11: If the HVAC systems are to be replaced with a new design, can the Navy specify the sustainability goals and energy saving target, if any.

NAVFAC response: All existing HVAC roof top equipment is to be replaced in-kind, same capacity, without design calculations as part of the scope of work. Where applicable, provide equipment that is Energy Star qualified product or a Federal Energy Managed Program (FEMP) designed product.

Question No. 12: The RFP requires the removal and replacement of the HVAC units on the roof. If the Navy elects to go with a like and kind replacement of the HVAC units, we suggest that the units be provided with salt water corrosion protection.

NAVFAC Response: All installed AHU's shall have salt water corrosion protection. See specification section excerpt below.

Question No. 13. Preliminary NFPA 780 Annex L indicates a need for lightning protection on the building. Can the Navy please confirm if a Lightning Protection System will be expected to be installed as part of this project.

NAVFAC Response:

As part of the Base Bid, the contractor shall provide calculations and a risk analysis to determine whether lightning protection is required. The contractor shall assume the lightning protection system is required. The contractor shall include a design for a lightning protection system and install the lightning protection system as part of the Base Bid.

Question No. 14: Can the Navy please confirm which ceiling fans are to be removed and replaced.

Also, if the replacement is like and kind or does the navy expect a confirmatory design for the sizing of the fans.

NAVFAC Response: Ceiling fan replacement is not included as part of the scope of work.

Question No 15: The RFP requires 2" rigid insulation with 1/2" polyisocyanurate cover board. This thickness will not meet the R-20ci IECC Climate Zone 5 requirement. Can you please clarify.

NAVFAC Response: Regardless of thicknesses of materials noted in the RFP, All design and construction work shall comply with applicable Uniform Facility Criteria (UFC), International Building Code (IBC), National Electric Code (NEC), International Mechanical Code (IMC), ASHRAE Standard 90.1 requirements and Architectural Barriers Act (ABA) standards.

Question No.16: Can the Navy please confirm that the Thermal Solar System installed meets the wind load requirements and that the re-installation should follow the same installation drawings.

NAVFAC Response: The designer of the thermal solar system addressed the wind loads on all supports as part of their design and reinstallation shall follow the same installation drawings, by an approved installer, as not to void existing manufacturer's warranty.

Question No. 17: Given the proximity of the solar thermal panels to the edge of the roof, the code requires installation of permanent handrails (in lieu of the temporary ones). Can you please confirm this requirement.

NAVFAC Response: The fall protection on the roof is permanent and does meet the Navy fall protection requirements.

Question No18: Option 3 calls for the replacement of 9 exhaust fans and 6 gravity hoods. There are more than 9 fans on the roof of all different sizes. In addition it doesn't appear that there are 6 gravity hoods. Which ones exactly are being replaced?

NAVFAC response: All existing roof exhaust fans and gravity hoods are to be replaced in kind, same capacity, without design calculations as part of the scope of work.

Question No 19: The project description is calling for new ventilation in the Pot and Pan room. Speaking with the end user at the walk-thru, they mentioned the existing ventilation was inadequate but they were also having problems with the exhaust fan tied into the dishwasher. They had the dishwasher exhaust fan fixed but then the dishwasher broke down so they were not sure if the repairs to the dishwasher exhaust fan were successful. Does repair or replacement to the dishwasher exhaust fan need to be included in the proposal?

NAVFAC response: The RFP calls for ventilation only in the Pot and Pans Room. If a repair or replacement to the dishwasher exhaust fan aids in the proposed design for upgraded ventilation, it shall be included as part of the scope of work.

Question No. 20: The end user also mentioned they wanted a cooling system in the pot and pan room. Should this be included in the proposal? If so, will the Navy be providing a design temperature range to be maintained in the space while the dishwashing equipment is in operation?

NAVFAC response: The RFP calls for ventilation only in the Pot and Pans Room.

Question No. 21: The product description mentions providing a Testing and Balancing report on any existing HVAC system impacted as part of the scope. Does this mean any equipment removed and re-installed during the roof replacement will need to be re-balanced? Or does this only apply if equipment is replaced in Option 3 & 4 with new equipment?

NAVFAC Response: The Contractor shall provide a Testing And Balancing report upon completion of work performed on any replaced HVAC system impacted as part of the scope work. Any HVAC equipment removed/reinstalled shall be tested and balanced as well. This requirement is applicable to the Base Bid and all Options. See specification section excerpt below.

Question No. 22: Project description says the contractor shall research and investigate all existing HVAC equipment, have interviews with end users on site, and review existing drawings at NAVSTA Newport archives. Is this in regards to the Pot and Pan room only or all the equipment on the roof?

NAVFAC response: Investigations pertain only to providing ventilation in the Pot and Pan Room and roof top equipment scheduled for in-kind replacement as noted in the scope of work.

Question No 23: Part 3, page 2 para 4 reference a "pot and pan room inside the galley"(ref as P&P). The galley is the kitchen and looking at as built drwg 994, 671 the kitchen room #105

does not show the P&P room inside. For bidding purposes we are assuming the P&P room is 1/3 the size of Kitchen room #105. Please identify if otherwise.

NAVFAC response: See attached sketch for Pot and Pan Room location.

Question No. 24: Part 3, page 2 para 5 notes the contractor to have “interviews with end users”. What exactly is the reason for this? Could you give an example since it sounds like you are aware of something and it may not be in the RFP. For now we assume the future interviews do not impact the present RFP.

NAVFAC response: Interviews and Investigations pertain only to providing ventilation in the Pot and Pan Room and roof top equipment scheduled for in-kind replacement as noted in the scope of work.

Question No 25: The existing as built drawings did not have the schedule sizing, cooling tonnage and models of the 3-packaged DX units that are to be reclaimed, reinstalled and charged with refrigerant. Please provide sizing. Presently we will assume 10 ton units and the purpose is for freezers/refrigerators/kitchen use.

NAVFAC response: All existing roof top AHU's are to be replaced in-kind, same capacity, without design calculations as part of the scope of work. For bidding purposes, include 3 replacement AHU's.

Question No 26: Part 3, page 2 para 2 discusses to examine and document the working nature of the existing solar system. The RFP does not list any issues with the system so we assume the existing solar system was maintained properly and has no issues and same equipment will be acceptable when it is reinstalled. In addition-Part 3 page 3 para 2.0 notes that “working condition of both systems shall be documented” and “both systems be re-installed and placed in working condition”. We assume systems have been maintained properly and can simply be started up and balanced without any corrective re-hab. If you feel there will be re-hab work, possibly give the bidders an allowance to include so it's a competitive level playing field.

NAVFAC response:

The solar system has not been placed in a “working condition” or formally turned over to the Government. Refer to the revised Bid Schedule included in Amendment 02 for Bid Item for the contractor to include \$10,000 for any “corrective” items required in order to place the system into a “working condition” upon completion of this roof replacement contract. The Contractor shall refer to the attached specification from original project to re-install the “Solar Water Heating Equipment Section 22 33 30.00 10”. The contractor shall follow the requirements as noted in the original specifications for Part 1.5 Installer Qualifications, Part 3.1 Examination, Part 3.2 Installation, and Part 3.3 Inspection and Testing. The Contractor shall provide a manufacturer's approved installer as not to void existing warranty.

Question No 27: Ductwork to existing roof fans are to be disconnected below the roof line as shown on detail “type A” on as built drwg 2,099,005. Per part 3 page 3 para “g” the building will

remain occupied. Many of these fans are above kitchen equipment, storage rooms with provisions, bakery. NAVFAC will have major problems since clean cooking/baking areas will have to be shut down and NAVFAC to remove/replace/disinfect their equipment. We will address the duct disconnect, new duct curb and new duct reconnect in normal work fashion, but suggest that a revision should be made to disconnect/reconnect the ductwork above the roof line, instead of below the roof line.

NAVFAC response: The contractor shall disconnect/reconnect the existing ductwork above the roof line.

Question No. 28: Part 3 page 4 para 8 notes roof drains will be replaced and underside of drain bowls to be insulated. Note disconnect/reconnect and insulation has to be done under the roof line inside the building envelope. This may cause issues much like the ductwork at fans noted in the other RFI-5. We will assume normal disconnect/reconnect procedures.

NAVFAC response: The contractor shall disconnect/reconnect the roof drains as required as part of a "roof drain assembly/system", to the existing leaders, whether above or below the roof line. The contractor shall assume there will be some interior disturbance in order to perform this work.

Question No. 29: Part 3 page 4 para 11 notes "modify existing solar panel collector support bracket mounting details and supports to facilitate roof installation. Include pitch boxes at each bracket support location. The existing panel supports are presently on long roof equipment support curbs (as shown on photo page 62 part 6). Changing the supports to around 400 pitchpockets would create so many small roof penetrations that this would be prone to leaking. The elongated curbs are more conducive to proper use. Our bid will including the elongated roof equipment support curbs similar to existing, but with more height than existing.

NAVFAC response:

Per the RFP, The contractor shall provide Design and Construction for a complete watertight roof system replacement, all roofs B292 Ney Hall. Maintain positive drainage for the entire roof area.

Question No 30: In reviewing the RFP the only new HVAC equipment will be roof curbing and the P&P room air handler. The only new PLBG equipment will be the roof drains.

NAVFAC response: The RFP calls for ventilation only in the Pot and Pans Room. If a repair or replacement to the dishwasher exhaust fan aids in the proposed design for upgraded ventilation, it shall be included as part of the scope of work.

NAVFAC response: All existing roof exhaust fans and gravity hoods are to be replaced in-kind, same capacity, without design calculations as part of the scope of work. For bidding purposes, include 19 exhaust fans and 5 gravity hoods.

NAVFAC response: All existing roof top AHU's are to be replaced in-kind, same capacity, without design calculations as part of the scope of work. For bidding purposes, include 3 replacement AHU's.

CHANGES TO RFP, PART 3, D30, MECHANICAL
D3060CONTROLS AND INSTRUMENTATION

HVAC Controls

Provide a partial direct digital control (DDC) system which will communicate with the existing DDC system. The existing DDC system was manufactured by Johnson Controls. Provide electronic controls for the HVAC systems and equipment.

D3070SYSTEMS TESTING AND BALANCING

Provide complete Testing and Balancing (TAB) of all air and water distribution systems and HVAC equipment as scheduled for work as part of this RFP.

ADDITIONAL SCOPE OF WORK TO THE RFP:

SPECIFICATION SECTION EXCERPTS TO BE INCLUDED IN THE SCOPE OF WORK:

SECTION 230000, Prevention of Corrosion

Protect metallic materials against corrosion. Manufacturer shall provide rust-inhibiting treatment and standard finish for the equipment enclosures. Ferrous parts such as anchors, bolts, braces, boxes, bodies, clamps, fittings, guards, nuts, pins, rods, shims, thimbles, washers, and miscellaneous parts not of corrosion-resistant steel or nonferrous materials shall be hot-dipped galvanized in accordance with ASTM A123/A123M for exterior locations and cadmium-plated in conformance with ASTM B766 for interior locations.

SECTION 230000, Standard Products

Provide equipment items that are supported by a service organization. Where applicable, provide equipment that is ENERGY STAR qualified product or a Federal Energy Management Program (FEMP) designated product.

SECTION 230000, Controls Interface

Provide all necessary controls devices and packaged controls as appropriate for interface with and control by Johnson Controls Inc.

SECTION 230000, Testing, Adjusting, and Balancing

The requirements for testing, adjusting, and balancing are specified in Section 230593 Testing, Adjusting, and Balancing for HVAC (to be included in the Design Documents). Begin testing, adjusting, and balancing, only when the air supply and distribution, including controls, has been completed, with the exception of performance tests.

SECTION 230000, Performance Tests

In lieu of full commissioning and after testing, adjusting, and balancing is complete as specified, test each system as a whole to see that all items perform as integral parts of the system and temperatures and conditions are evenly controlled throughout the building. Record the temperatures and conditions during the applicable season. Make corrections and adjustments as necessary to produce conditions indicated or specified. Conduct capacity tests and general operating tests by an experienced engineer. Provide tests that cover a period of not less than 5 days for each system and demonstrate that the entire system is functioning according to specifications. For the duration of time period record the temperature and space thermostats of space sensors, the humidity at space humidstats or space sensors and the ambient temperature and humidity in a shaded and weather protected area.

Submit test reports for the performance tests in booklet form, upon completion of testing. Document phases of tests performed including initial test summary, repairs/adjustments made, and final test results in the reports.

SECTION 230300.0020, Material and Equipment Qualifications

Provide materials and equipment that are standard products of manufacturers regularly

engaged in the manufacture of such products, which are of a similar material, design and workmanship. Standard products shall have been in satisfactory commercial or industrial use for 2 years prior to installation. The 2-year use shall include applications of equipment and materials under similar circumstances and of similar size. The product shall have been for sale on the commercial market through advertisements, manufacturers' catalogs, or brochures during the 2 year period.

SECTION 230300.0020, Electrical Requirements

Existing electrical system shall be investigated as required to provide and install the replacement HVAC equipment as indicated in the scope of work. Provide and install any electrical upgrades as required. Furnish motors, controllers, disconnects, and contactors with their respective pieces of equipment. Furnish motors, controllers, disconnects, and contactors shall conform to and have electrical connections provided under SECTION 262000, Interior Distribution System. Furnish internal wiring, as necessary, for components of packaged equipment as an integral part of the equipment. Extended voltage range motors will not be permitted. Controllers and contactors shall have a maximum of 120 volt control circuits, and shall have auxiliary contacts for use with the controls furnished. When motors and equipment furnished are larger than sizes indicated, the costs of additional electrical service and related work shall be included under this section that specified that motor or equipment. Power wiring and conduit for field installed equipment shall be provided under and conform to the requirements of SECTION 262000

Interior Distribution System.

SECTION 230300.0020, Modifications to Existing Systems

Where existing mechanical systems and motor-operated equipment require modifications, provide electrical components under Division 26.