

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES <b>1 OF 11</b>
2. AMENDMENT/MODIFICATION NO. <b>0002</b>	3. EFFECTIVE DATE <b>22 MAR 2011</b>	4. REQUISITION /PURCHASE REQ. NO.	5. PROJECT NO. (if applicable)	
6. ISSUED BY NAVAL FACILITIES ENGINEERING COMMAND WASHINGTON 1314 HARWOOD STREET, SE WASHINGTON NAVY YARD, DC 20374-5018	CODE <b>N40080</b>	7. ADMINISTERED BY (If other than Item 6) <b>SEE BLOCK 6</b>		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		( <input checked="" type="checkbox"/> )	9A. AMENDMENT OF SOLICITATION NO. <b>N40080-11-R-9941</b>	
		<input checked="" type="checkbox"/>	9B. DATED (see item 11) <b>09 FEB 2011</b>	
			10A. MODIFICATION OF CONTRACT NO.	
			10B. DATED (see item 13)	
CODE	FACILITY CODE			
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>				
<input type="checkbox"/>	The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers		<input type="checkbox"/>	is extended, <input checked="" type="checkbox"/> 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 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.				
<b>12. ACCOUNTING AND APPROPRIATION DATA</b>				
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATION OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>				
<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGE 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: BY MUTUAL AGREEMENT OF BOTH PARTIES			
	D. OTHER (Specify type of modification and authority)			
<b>E. IMPORTANT:</b> Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return Copy to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section heading, including solicitation/contract subject matter where feasible). <b>SOLICITATION: N40080-11-R-9941-P615 SNCO Academic Facility Addition, Quantico, VA</b>				
As an amendment to the subject solicitation, the following is hereby incorporated:				
<ol style="list-style-type: none"> <li>1. Proposal due date remains 29 March 2011.</li> <li>2. RFI Responses</li> <li>3. Additions to Part 2</li> <li>4. Additions to Part 3</li> <li>5. Revised Price Schedule</li> </ol>				
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  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED	

Question 16: Please provide a copy of the storm water management design report from the original construction. This is needed to help determine what is required for the addition.

**Response: We do not have the storm water design calculations, however, Sheets C110-C115 of Appendix N – As-Built Drawings provide summary calculations.**

Question 17: Specification Section 01 50 00.05 20, paragraph 1.12.2, requires the contractor to provide a Navy Construction Representative's Office. Please confirm that this is required as the ROICC office (bldg 2004) is in very close proximity to the construction area.

**Response: No trailer is required for ROICC.**

Question 18: The Instructions to Offerors says that contractors are to provide two (2) copies of the Price Proposal. However, it does not address the Technical Proposal. How many copies of the technical proposal are required to be submitted as part of our proposals?

**Response: See Amendment #1 Question #12.**

Question 19: Section 01 33 10.05 20/1.8.3/Page 9, Could "The minimum sustainable design level is to design and construct towards LEED-NC silver." be defined? What specifically does "towards LEED-NC silver" mean? Is actual silver LEED-NC certification by USGBC required for this project? Could the desired level of LEED documentation be defined?

**Response: The project shall be designed to meet the intent of a LEED 2009 Silver Certified Building. The project will not, and is not registered with GBCI for LEED Certification, however the intent and documentation of a LEED 2009 Silver Certified project shall be provided. LEED 2009 templates are available for guidance in requirements and documentation on [www.leedonline.com](http://www.leedonline.com).**

Question 20: Part 3/Project Program/Chapter 5, Will each student have a laptop computer in each of the different rooms in this project? If yes, please define which rooms the students will have laptops. (If all students in all rooms have laptops, please say so.)

**Response: Yes, each student would potentially have a laptop. The only classroom that will have computers in it all the time is the computer lab. The two 60 person classrooms and the conference group rooms (second deck) are to have capability for the student to bring a computer.**

Question 21: Part 3 Project Program/Room Requirements, Pages 13 and 15, and ESR, D2010/Page 54, The referenced parts of the RFP state to use electronic sensor flush valve controls and faucets. May hard-wired (A/C) or battery powered (DC) type controls be used at the discretion of the design/build team?

**Response: Provide battery powered electronic sensor flush valve controls and faucets.**

Question 22: Part 3 Project Program/Room Requirements, Pages 29 and 30, Refrigerators are noted as a requirement for the Break-Out Rooms and E202090 states that they are the under counter type. Will ice makers be provided with these refrigerators thereby requiring a water supply and ice maker supply boxes?

**Response: No, ice makers are not required.**

Question 23: Part 3 Project Program/D302001/Page 60, Paragraph two under this section states that the boiler burners shall be capable of using either natural gas or a propane-air mixture. Our experience with propane-air mixtures as implied in this application is that the propane-air mixture will be such that it will have a BTUH content that mimics that of the natural gas; therefore, no special burners are required. Please confirm this assumption and/or provide the BTHU content of the proposed propane-air mixture. Additionally, Part 202003 of the RFP does not mention this same requirement for the domestic water heater(s).

**Response: The domestic water heaters shall be capable of using natural gas or propane-air mixture as described for the heating water boilers. It is correct that the propane-air mixture will mimic the BTUH content of natural gas. However, provide equipment with the capability to be adjusted to accommodate minor fluctuations that will be inherent between the two fuels.**

Question 24: Part 3 Project Program/D203001/Page 56, This paragraph calls for cast iron hub and spigot or hubless pipe and fittings for above and below ground installation. Typically hubless cast iron pipe and fittings are not acceptable for below ground installation, yet this paragraph would imply its acceptance. Would PVC be allowed for above and below ground installation when in accordance with applicable codes? Note that PVC is allowed for vent piping per D203002.

**Response: Provide hub-less or hub and spigot pipe and fittings for above grade installation. Provide hub and spigot pipe and fittings for below grade installation. Provide pipe materials per the RFP.**

Question 25: Part 3 Project Program/D202004/Page 55, May mineral fiber pipe insulation with vapor barrier or nitrile rubber based elastomeric pipe insulation be utilized to insulate domestic cold water piping in lieu of cellular glass pipe insulation? (It is extremely difficult to insulate small pipes with cellular glass pipe insulation.)

**Response: Closed cell elastomeric pipe insulation is acceptable in lieu of cellular glass insulation for domestic cold water piping.**

Question 26: Part 3 Project Program/D30 General System Requirements/Page 59, The last paragraph says “all existing mechanical equipment in the SNCO Academic Facility that will serve the P-615 addition shall be cleaned and any neglected maintenance performed.” Even though this facility is almost new, this is not biddable. Can you please define what needs to be done if you are aware of anything? Otherwise, please delete this statement from the RFP.

**Response: This statement is hereby deleted from the RFP.**

Question 27: Section 01 31 19.05 20 Post Award Meetings section includes both section 1.3.5 Design Presentation Development and section 1.3.6 Concept Design Workshop. Section 1.3.5 Design Presentation Development is more appropriate to this project given the “fixed” floor plan provided with the RFP and section 3.2.2 of Part 3 that states “Building layout shall be as shown in the attached plans. Any deviation from building layout requires government approval.” Can 1.3.6 Concept Design Workshop be deleted from the RFP?

**Response: No, the Concept Design Workshop remains a required meeting.**

Question 28: Section 01 33 10.05 20 Design Submittal Procedures 1.8.3, Sustainable Design, states “The minimum sustainable design level for the project is to design and construct towards LEED-NC Silver. Part 3 section 2.3.1 Sustainable Design states “In accordance with Engineering & Construction Bulletin 2008-01 and other directives, the facility and all site features shall be designed and constructed using USGBC LEED-NC. The design and construction shall incorporate sustainable design strategies and features to the fullest extent

possible, consistent with mission, budget and client requirements.” Section 2.3.4 Building Commissioning states “Provide Enhanced Commissioning to meet the requirements of USGBC LEED Rating System version 3...” Section 3.2.10 Storm Water Management states “Although LEED certification under this project is not required...” Section D502002 LIGHTING EQUIPMENT states “Provide controllability of lighting systems that meet the requirements of LEED v2.2 EQ Credit 6.1.” Please clarify which version of LEED-NC to use, Version NC 2.2 or Version 3. Please confirm that the subject project is not to be “Certified through GBCI”. Also, please confirm if this project is to certified through GBCI is it already registered through GBCI for use of the online templates. Please clarify the minimum LEED Rating that is required; certified, silver, etc.

**Response: See response to question #19.**

Question 29: Related to sustainable design and LEED, when reviewing the reference ECB 2008-01. There is an attachment, “MOU High Performance LEED Credits” that list mandatory requirements for projects, unless they are specifically not applicable to the project type. With given floor plan, and window configurations, some of these credits may not be possible. Please clarify if there are any specific credits (not already explicitly listed elsewhere in the RFP) that must be included to achieve the required LEED rating for the project.

**Response: Contractor will need to determine what credits are possible and could be used to meet LEED Silver 2009.**

Question 30: Chapter 5- Room Requirements, The space descriptions indicate requirements for data outlets and for LAN outlets. What is the different between data and LAN and what are the termination requirements for each?

**Response: Refer to sections D503001 and D503090 in Part 3, Chapter 6 of the RFP for LAN outlet requirements. The LAN is a local area network for the academic facility only. The other data networks are distributed base wide.**

Question 31: Part 3, B202001 Windows, specifies operable aluminum window. Existing windows in Building 3077 are fixed windows. Are fixed windows acceptable to match the style and color of the existing? If possible, please provide the make and model number of the existing windows so that we can match the product already used.

**Response: Windows shall be operable. As-built drawings are included in the digital submission of the RFP.**

Question 32: Part 6 Appendix N, sheet G001, The drawing index indicates electrical sheets E701 and E702, however we are unable to find these sheets in the drawings provided. Please provide sheet E701 and E702, the main electrical and communications diagrams, which are needed to interface with the new electrical and communications systems.

**Response: See Amendment 0001 Question #15**

Question 33: Appendix D Radon Assessment & Mitigation is included; however, we could not find anywhere in the RFP that references it, nor mentions its applicability for this project. Please clarify if Radon Mitigation is required for this project.

**Response: See Amendment 0001 Question #9 for Radon requirements.**

Question 34: The existing means of egress from the second floor consist of three stairways: South, North and Center. Based on the existing building life safety drawing LS102 (attached), the exists are loaded as follows:

Stair #1(South):

Capacity: 160

Actual Occupant Load: 123

Spare Capacity: 37 occupants

Stair #2 (North)

Capacity: 160

Actual Occupant Load: 123

Spare Capacity: 37 occupants

Stair #3 (Center Stair):

Capacity: 146

Actual Occupant Load: 123

Spare Capacity: 23 occupants

The total spare capacity between all three stairs is (97) occupants.

The spaces in the south and north end additions will add approximately (217) occupants (occupant load breakdown in attached drawing AE102); this number greatly exceeds the available (97) occupants.

IN CONCLUSION, The exit capacity of the existing means of egress components is not adequate for the second floor occupant load. Please clarify.

**Response: See Amendment 0001 for revised floor plans and information.**

Question 35: Part 3 Project Program D503003, Page 72, the section indicates to provide an intercom system thru the phone system. Since the handsets are not in the scope and the phone system is existing, is there anything the contractor needs to provide.

**Response: The handsets will be provided under a separate contract, so the contractor does not need to provide the telephone intercom system, however the components of the telephone system installed by the contractor should not prohibit the installation of such a system.**

Question 36: RFP Part Three – Chapter 6 – Engineering Systems Requirements – D30 – Page 60 – Paragraph D303002 requires that a direct-expansion (DX), split system with air-cooled condensing units and associated air handling units be used for heating and cooling on this project. It goes on further to mandate the use of ducted air distribution (main AHU) or wall-mounted, ductless indoor units be used for the electrical and communications rooms. We have determined that there are many barriers (less energy efficient, higher maintenance costs, higher operating costs, restrictions imposed by ATEP standoff requirements and architectural considerations) to using the specified approach to heating and cooling. We also find that the specified approach will reduce our abilities to meet energy efficiency targets required to obtain some LEED points that are available to us using what we believe is a more energy efficient approach that differs from that specified in the RFP. Our question is “Will a design approach to HVAC that differs from the requirements be acceptable, if we provide details in our technical proposal that demonstrates that our approach is superior to the specified system, or will it be viewed as being unacceptable and nonresponsive?”

**Response: Provide the requirement per the RFP and in addition the variance. The Government is not opposed to differing design solutions; however the solution must be addressed per the RFP variance request as stated in the II. Evaluation Criteria.**

Question 37: Can Quantico provide electric metering information on the existing building to confirm the information provided in the RFP (600 Amps connected load)?

**Response: Metering information is not available. Rating is described in the RFP.**

Question 38: Transient voltage surge suppression (TVSS) is presently located on the main switchboard only. Per the RFP, a 3-Tier approach is required for surge suppression throughout the electrical distribution system. Can Quantico please confirm that the additional tier of suppression are to be provided on the expansion to the existing electrical system only and not to be retrofit onto the existing distribution and branch circuit panels?

**Response: SPD on the expansion to the existing electrical system. Existing panelboard do not require additional SPD under this contract.**

Question 39: Can Quantico confirm that the existing lightning protection system has a UL Master Label? Can Quantico confirm that the proposed approach is to connect into this existing system and provide a "UL Letter of Findings" confirming that the additions to the system are in accordance with UL 96A and NFPA 780? Can it be confirmed that the intention is not to replace the existing lightning protection system, only to expand to the new additions?

**Response: The existing building has a lightning protection system and the as-built drawings reflect for a master label system. Under this contract, the contractor is responsible to replace, modify, and/or extend the existing lightning protection as necessary in order to provide a total building lightning protection system with UL master label.**

Question 40: Part 3 Project Program D501002, Page 68, Part 6 Appendix N, sheet E601., We have the following questions regarding the service entrance equipment (MSB): Is the main breaker 100% rated or 80% rated? Are the shop drawings for MSB available? We would like to know if there are only (2) available spaces as listed on E601.

**Response: Breaker rating is not known, field investigation did not reveal the rating. The breaker is a GE type SRPK 1200B. MSB shop drawings were not provided for reference. After further field investigation it was there is no space in the existing MSB. Contractor is required to provide power for additions by other means.**

Question 41: Please provide product data for the existing building to include interior and exterior finishes exact matches can be determined. This can be OMSI data if available.

**Response: As-built drawings are included in the digital submission. This is all that is known of the existing building.**

Question 42: The existing drawings indicate both a LAN and NMCI communication rooms located on the first and second floor of the existing building. The proposed floor plans and information in the RFP note that new communication rooms are to be provided on both floors of the proposed north addition. These rooms are not clarified as NMCI or LAN. Can Quantico please comment whether these rooms are to be LAN or NMCI or bisected to provide both? Can Quantico please clarify the optical fiber backbone requirements for the LAN and NMCI rooms as this information is not provided in the RFP?

**Response: The new communications rooms indicated in the RFP are intended to be for NMCI. The LAN outlets are intended to be served from the existing LAN closet, length restrictions of cable permitting. Provide new horizontal backbone cable as required to serve new areas.**

Question 43: The existing drawings indicate a copper trunk riser to support analog and voice connectivity for the facility. Can Quantico clarify the requirement for copper trunk lines and that there is sufficient capacity on the existing telephone switch/main distribution frame (MDF) to support the proposed additions?

**Response: Existing system has adequate capacity.**

Question 44: Can Quantico comment on the extent of existing underground duct bank to be removed from the existing abandoned communications manhole noted on electrical site plan ES-101? Can Quantico confirm that all existing underground communications cabling located within this duct bank system are abandoned?

**Response: Existing ductbank runs are, as indicated on the drawings, included in part six of the RFP. Contractor is required to perform utility survey and verification.**

Question 45: Can Quantico provide the contact information for the CATV provider to ensure coordination with the rerouting of the existing underground services?

**Response: Coordination will take place after award.**

Question 46: Can Quantico provide the contact information with DPW to discuss the existing cabling infrastructure and expansion to the proposed additions?

**Response: Coordination will take place after award.**

Question 47: Per the RFP, an intercom system is to be provided to allow for room to room communications. Since the RFP notes that the existing communications infrastructure is sufficient to serve the proposed additions, the existing telephone equipment will remain. Can Quantico DPW confirm that the existing telephone equipment has capacity to handle the proposed additions and also has the capability for “room to room” communications?”

**Response: Existing system has adequate capacity.**

Question 48: RFP Part 3, Chapter 6, E2020 states that the contractor shall establish and submit, as part of this proposal, a fixed percentage figure for the Handling and Administration Rate (HAR) associated with the FF&E package. However, there is no place for this on the current bid form. Please advise how we are to submit the HAR.

**Response: Please refer to the revised Price Schedule.**

Question 49: Can the RFI Cut Off Date be changed to a date closer to within 1 week of the bid due date (say 3/18, 3/21 or 3/22)? This will allow more time for GC's and subcontractors to review all of the RFP documents and generate critical RFI's, while also allowing 1 week for responses to be provided.

**Response: The RFI cut-off date remains 15 March 2011.**

Question 50: Note 8 on ES 101 states “Disconnect and remove existing abandoned communications manhole and associated duct bank”. The manhole is shown but the duct bank is not so we have no way to know how much duct bank there is to remove. Please clarify.

**Response: Contractor will have to excavate and remove as needed. Assume 50 meters of 16-way 4" PVC concrete encased duct bank for bidding purposes.**

Question 51: RFP Part 3, Chapter 6, Paragraph B201007 says to provide a metal exterior soffit system. B2010 says to match the exterior walls to existing building 3077, which has a wood soffit system. Should the exterior soffit system be metal or wood?

**Response: RFP Part 3, Chapter 6, Paragraph B201007 should be edited to read, “provide a wood soffit system.”**

Question 52: Part 4 Performance Technical Specifications/D303002 1.3/Page 138, the first sentence of this paragraph would seem to indicate an air cooled packaged VAV air conditioning unit. Is this what is desired? This would not be a conventional central station air handling unit? However, the third sentence then indicates that airflow through the evaporator coils cannot be modulated. Is this really desired? There is no chance to save energy on this project if this is required. Please confirm exactly what type of DX air conditioning system is required.

**Response: Yes, this is not a conventional system but the best solution for this facility as agreed upon through development of the RFP. If offeror has a more advantageous solution please address per the RFP variance request as stated in the II. Evaluation Criteria. The design intent is to allow the use of DX VAV air handling units as agreed upon by all parties during the development of the RFP. There is stock language in the UFC and NAVFAC Design Build RFP that requires constant airflow through the AHU evaporator coils. This would drive the design to a bypass VAV system which has constant volume airflow through the AHU. There are DX VAV air handlers that have controls and coils circuited such that airflow can be varied through the evaporator coils.**

Question 53: Concept Drawings, the RFP concept drawings appear to have an egress problem. The second floor has dead end corridors that exceed the maximum code allowed of 50 feet. Please advise as to how this is to be corrected, since plans are not being submitted.

**Response: See Amendment 0001 for revised floor plans.**

Question 54: Concept Drawings, are CADD files available of the existing RFP drawings to include the survey? They would be very helpful in coordinating our pricing efforts.

**Response: Shall be provided after award.**

Question 55: RFP, Instructions to Offerors, Paragraph 2 denotes “The construction duration time is 555 calendar days from date of award.” RFP, Technical Evaluation Factors, Evaluation Criteria, Technical Factor 2: Construction Schedule, Basis of Evaluation, Paragraph A denotes “The resultant contract completion date for design and construction will not exceed 480 calendar days.” Please clarify subject design and construction duration time.

**Response: See Amendment 0001 Question #1**

Question 56: RFP, Dwg CD101, Demolition Note 10 denotes “Wiring to be removed by Government prior to construction.” Dwg ES101, Note 5 denotes “Relocate existing overhead communications line.” Please clarify as to whether subject overhead communications line is to be removed by Government or the Design-Builder.

**Response: Contractor responsible for removal of overhead communication lines.**

Question 57: RFP, Dwg ES101, Note 10 denotes “600 pair copper cable in 4” direct buried conduit 24” BFG, provide 10’ slack coiled at both termination points (cross connect and manhole) for connection by G6.” Please clarify as to whether subject 600 pair copper cable and 4” conduit is to be installed by Others or the Design-Builder.

**Response: Contractor responsible for providing the 600 pair copper cable and 4” conduits.**

Question 58: RFP, Dwg ES101, Note 8 denotes “Disconnect and remove existing abandoned communications manhole and associated duct bank.” Dwg ES101 does not indicate any associated duct bank. Please clarify as to whether subject associated duct bank is to be removed by the Design-Builder and, if so, provide approximate size and length to be removed.

**Response: Refer to Question #50.**

Question 59: RFP, Dwg CD101, Demolition Note 1 denotes “Remove electrical storage shed (following the completion of new shed).” Dwg ES101, Electrical Site Plan denotes “Existing electrical shed to be relocated.” Please clarify as to whether subject electrical shed is to be relocated or provided for as new construction.

**Response: Contractor responsible for constructing a new storage shed of similar construction type and size as the existing storage shed.**

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#### Additions to Part 2

1) Regarding RFP Part Two (Pertains to Base Bid)

Revised RFP Part Two - Section 01 33 10.05 20 – add the following paragraph 1.8.4:

##### 1.8.4 Historic Preservation and Planning Commission Submission

Prepare the supporting documentation and presentation materials required to obtain approval from the National Capital Planning Commission. The submission of the materials to the agency will be accomplished by the Government. Consult with the NAVFAC Washington National Capital Planning Commission Coordinator. The Coordinator will advise the contractor on the specific requirements and prospective timetable of the submission. The submission will address the National Capital Planning Commission (NCPC) requirements. Refer to UFC 1-300-09N for specific submittal requirements. The Contractor is responsible for preparing the submittal package, presenting the project in public meeting, if called upon by the Government; and to modify the submittal and contract documents to incorporate the comments of the agencies having jurisdiction to obtain project approval.

## Additions to Part 3

1) Regarding RFP Part Three Chapter 2 PROJECT OBJECTIVES (Pertains to Base Bid)  
Revised RFP 2.3.1 Sustainable Design - replaces the entire section: 2.3.1 Sustainable Design

Integrate sustainable strategies and features into the design to minimize the energy consumption of the facilities; conserve resources; minimize adverse effects to the environment; and improve occupant productivity, health, and comfort to reduce the total cost of ownership of the project using a whole building, life-cycle approach. In accordance with Engineering & Construction Bulletins 2008-01, 2011-01 and other directives, the facility and all site features shall be designed and constructed using USGBC LEED-NC 2009. The design and construction shall incorporate sustainable design strategies and features to the fullest extent possible, consistent with mission, budget and client requirements.

The constructed facility shall be Sustainable Validated by the contractor and NAVFAC as having met as many prerequisites and credits practical in the USGBC LEED-NC 2009.

The following USGBC LEED-NC 2009 credits and additional requirements are mandatory. If the project was registered with USGBC before LEED-NC 2009 went into effect, comply with LEED-NC Version 2.2. The LEED-NC Version 2.2 credit numbers that are different than the LEED NC 2009 credit numbers are indicated below in parenthesis ( ) after the LEED-NC 2009 credit numbers.

- a. SS-6.1 Storm Water Design, Quantity Control
- b. SS-6.2 Storm Water Design, Quality Control
- c. PRE 1 (WE 3.1) Water Use Reduction: 20% Reduction
- d. WE-1 (WE 1.1) Water Efficient Landscaping: Reduce by 50%
- e. EA-1 Optimize Energy Performance. For new construction achieve a 30% energy use reduction below ASHRAE 90.1-2007 or the International Energy Conservation Code (IECC) for low rise residential facilities. For renovations, reduction shall be 20% below pre-renovations 2003 baseline. Reduction shall be calculated in accordance with US Code of Regulations 10 CFR 433, 434, 435 dated Dec. 4, 2006.
- f. EA-4 Enhanced Refrigerant Management. Reduce use of Ozone Depleting and Global Warming Compounds. Eliminate the use of ozone depleting compounds during and after construction where alternative environmentally preferable products are available.
- g. MR-2 (MR 2.1) Construction Waste Management: Divert 50% from Disposal.
- h. MR-4 (MR 4.1) Recycled Content: 10%. For EPA Designated products, use products meeting EPA's recycled content recommendations.
- i. MR-6 & MR-7 Renewable Products: Use products made from rapidly renewable resources and certified sustainable wood products.
- j. EQ-3.1 & EQ-3.2 Construction IAQ Management: During Construction & Before Occupancy
- k. EQ-4.1, 4.2, 4.3, 4.4 Low Emitting Materials. Specify materials & products with low pollutant emissions, including adhesives, sealants, paints, carpet systems and furnishings.

- l. EQ-7.1 Thermal Comfort: Design. Design to ASHRAE Standards 55-2004 for Thermal Comfort and 62.1-2004 for Ventilation for Acceptable Indoor Air Quality.
- m. EQ-8.1 Daylight & Views. Achieve a minimum daylight factor of 2% excluding direct sunlight in 75% of all space occupied for critical visual tasks. Provide automatic dimming controls or accessible manual controls and appropriate glare control.
- n. Moisture Control. Establish and implement a moisture control strategy for controlling moisture flows and condensation to prevent building damage and mold contamination.
- o. Bio-Based Products: For USDA designated products use products meeting or exceeding USDA's biobased content recommendations.
- p. Energy Efficient Products: All energy using products shall either be Energy Star or FEMP recommended efficiency. Where Energy Star or FEMP recommendations have not been established, efficiency shall be in the top 25% for the type of product procured. All energy using products shall also meet FEMP requirements for low standby power consumption.

The following LEED-NC 2009 credits are not applicable to the project and must not be used by the Contractor to obtain the LEED certification.

- a. EA-6 Green Power

Ensure sustainable strategies and features in the design phase are incorporated in the construction phase.

END OF AMENDMENT 0002

**PRICE SCHEDULE  
N40080-11-R-9941**

P615 SNCO ACADEMIC FACILITY, MARINE CORPS BASE (MCB) QUANTICO, VA

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>PRICE</b>
BASE BID:	1001	
0001	Basis of the Bid for 1001 shall be the entire work complete in accordance with the RFP, but not including work indicated or specified to be provided under any of the other Bid Items / Options.	\$ _____
0002	OPTION ITEM: FF&E HANDLING & ADMINISTRATIVE RATE (HAR)	
	(1) Basis of the Bid for 0002, Furniture, Fixtures, and Equipment/ Collateral Equipment (FF&E) See Note 1-5 Below).	
	(BUDGET ONLY)	\$ <u>756,923.00</u>
	(2) HANDLING & ADMINISTRATIVE RATE (HAR) (NTE 5%) _____% X \$ <u>756,923.00</u> = \$ _____	
	(3) TOTAL FF&E AMOUNT: (1) + (2) = (3)	\$ _____

**NOTES**

1. 0002 Option Item: The total estimated budget amount for FF&E has been identified, to provide offerors with the projected magnitude of effort for FF&E. The FF&E Budget Amount is only an estimated amount. The contractor shall determine the final budget amount for the FF&E, during the post-award design phase of the FF&E.
2. Offerors shall propose a Handling and Administration Rate (HAR) for the FF&E not to exceed (NTE) 5%. The HAR fee should account for all administrative costs, overhead, bonding fees, administration of subcontracts, profit, and any other costs associated with and related to the coordination and processing of the procurement and installation of FF&E. The proposed HAR percentage will be incorporated into the contract/task order award and will not be adjusted regardless of fluctuations from the estimated budget amount for FF&E. The proposed HAR is a fixed rate. The dollar amount of the HAR will change based on the actual, final amount for the FF&E determined during the post-award design phase of the FF&E.
3. If awarded, line item (1) under 0002 option item will be funded separately after completion of the FF&E design review by the Government, acceptance of FF&E package by the Government, and receipt of appropriate funding by the Government. The design effort and the development of the FF&E packages are

performed by the Contractor under the Base Bid. See RFP, including (but not limited to) RFP Sections E20 (Parts 3 & 4) and Part 3 Room Data Sheets for requirements and details.

4. The Government is not obligated to award the FF&E Option. Should the Government choose to award the FF&E, the Option will be awarded as a negotiated Modification to the contract/task order. The contractor's proposed HAR will be applied to all vendor/supplier costs for the FF&E.
5. It is the contractor responsibility to purchase, deliver, and install the FF&E without impacting the overall completion date of the project. The contractor's schedule should assume the award of the FF&E as a modification. No schedule extensions will be granted.
6. Offeror shall provide a price for all items on the Price Schedule.
7. A firm fixed price is required for each item and no provisions will be made for economic price adjustments.
8. The Offeror's price is valid for 60 days from receipt of proposals.

Name of Firm Submitting Offer:

\_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

ACKNOWLEDGEMENT OF AMENDMENT(S): \_\_\_\_\_