

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES 1 11
2. AMENDMENT/MODIFICATION NO. 0008	3. EFFECTIVE DATE 10-Dec-2015	4. REQUISITION/PURCHASE REQ. NO. ACQR3903264		5. PROJECT NO.(If applicable)
6. ISSUED BY NAVAL FACILITIES ENG COMMAND WASHINGTON 1314 HARWOOD ST SE, BLDG 212 WASHINGTON NAVY YARD DC 20374	CODE N40080	7. ADMINISTERED BY (If other than item 6) See Item 6		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)		X	9A. AMENDMENT OF SOLICITATION NO. N40080-16-R-0151	
		X	9B. DATED (SEE ITEM 11) 31-Jul-2015	
			10A. MOD. OF CONTRACT/ORDER NO.	
			10B. DATED (SEE ITEM 13)	
CODE	FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input 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 _____ 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.) The purpose of this Amendment is to provide the following: 1. RFP Revisions/Clarifications 2. Extend the Proposal Due Date to Friday 18 December at 2:00PM All other terms and conditions remains unchanged.				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
		TEL:	EMAIL:	
15B. CONTRACTOR/OFFEROR _____ (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED 10-Dec-2015

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION SF 30 - BLOCK 14 CONTINUATION PAGE

The following have been added by full text:

AMENDMENT 0008

ATTACHMENTS:

- NAVFAC Capital Improvements Gov Energy Baseline & Offerors Model Performance Rating Assumptions (PRA)

Part 3, Chapter 6, page 3, ESR paragraph D4090 of the RFP indicates to provide an early warning smoke detection system with at least 3 alarm points per NFPA 75 and UFC 3-600-01 for Electronic Equipment Installations. Is it the intent to provide this type of detection system throughout the building or only in certain areas? If only certain areas please indicate which areas qualify for this type of system?

GOVERNMENT RESPONSE: The specified requirements relate to “Electronic Equipment Installations” and are applicable to Room 320 “Shared Control Room”. The requirements of paragraph D4090 are not applicable to the entire building.

Part 3 – Chapter 6 / ESR C103005 states lockers are funded as part of the FF&E Package.
Part 3 – Chapter 6 / ESR E20 System Description paragraph 5 states that fixed furnishings such as lockers are part of the construction contract. Please clarify which lockers are to be included in CLIN 0001 and which are to be part of the FF&E Budget.

GOVERNMENT RESPONSE: CLARIFICATION Part 3 – Chapter 6 / ESR C103005 should read as follows: “Lockers are not funded as part of the FF&E Package.”

CLIN 0003 – Bid Option 2 is for providing soil stabilization for all new pavement areas in accordance with Part 3, Chapter 6, ESR G103006. One of the means of soil stabilization is geotextile. The minimum pavement sections listed in Part 2, Chapter 6, ESR G2010 includes geotextile fabric. Does that mean the Base Bid should not include geotextile as part of the pavement sections? If the contractor’s Geotechnical Engineer of Record determines that soil stabilization is required for the soil conditions will this option automatically be awarded?

GOVERNMENT RESPONSE: Geotextile fabric listed in Part 3, Chapter 6, ESR G2010 and sub-paragraphs are the minimum requirements. The contractor’s Designer of Record and geotechnical engineer are to determine what soil stabilization methods are required above the minimum requirements.

Part 3 – Chapter 5 Room Requirements states to provide impact resistant Gypsum Board at the fixed partitions for all the rooms with exception to the Toilet/Shower Rooms. This adds significant costs to the project to not only provide the impact resistant drywall board but also provide the second layer of gypsum board as indicated in Part 4 – Section C1010. Many of these partitions are called out to go to the deck above. Can a height limit of 4 or 8 feet be

applies to the impact resistant gypsum board? Are there areas of the building that can be characterized as not subject to heavy abuse and thus regular drywall can be used instead (i.e. non-occupied spaces, etc.)? Can the impact resistant requirements be eliminated where walls are called out to receive full height acoustical wall panel?

GOVERNMENT RESPONSE: For impact resistant gypsum walls see Part 4 – Section C301003 1.5 IMPACT RESISTANT GYPSUM BOARD. Height of impact resistant gypsum board can be reduce to ceiling line (where ceilings occur) and be can replaced with regular gypsum wall board where walls are to receive acoustical wall panels.

Drawing CL101 - Indicates keeping a 30" gum, 24" gum, and two 24" oaks west of the new facility and north of a rather large retaining wall. These trees seem to be located so close to the proposed retaining wall that it is doubtful that they will be able to be salvaged. Are there any concerns with removal of additional trees in this situation?

GOVERNMENT RESPONSE: If there are no plaques on the trees, then these trees, if need be, may be removed. However, they must be replaced in kind. Replace 2 trees for every 1 that is removed. If there are plaques on the trees, contractor shall coordinate the removal of the trees with NREAB thru the Contracting officer. Again, replace 2 trees for every 1 that is removed.

Please clarify the extent of acoustical wall panel as it relates to the Part 3, Chapter 5 Room Requirements Forms. There are rooms where Uniformat Section C301006 calls for Full Height (floor to ceiling) acoustical wall panels to be applied to all exposed wall surfaces but then the form as indicates Uniformat Section C304006 for painted gypsum board wall finishes. Is it the intent for the interior demising walls to receive the acoustical wall panel to aid in getting the STC rating but the exterior walls to just be painted? This situation was found for the following rooms:

- a. Classroom (114; 208; 322)
- b. Office (127A; 127B; 127C)
- c. MSTP, Modeling & Simulation (325)

GOVERNMENT RESPONSE: Contractor is responsible for demonstrating that the STC rating identified on the Room Requirements Sheets is met for the interior demising walls. If that is accomplished without the need for acoustical wall panels, then wall panels will not be required in the three room types listed above. If the STC rating requires additional wall panels to be added the the gypsum board shall be painted first and then the wall panel should be applied over the painted interior gypsum wall.

Please clarify the extent of the scope of work for Bid Option 1 to provide 4 additional IT networks. The room requirements do not distinguish between base bid and bid option network requirements. Part 3 Chapter 6 ESR D503001.1 lists the same 4 networks identified in D503001. Is the bid option to provide 100% redundancy of the base bid networks or is the base bid only to include pathways and boxes for the bid option network cabling and devices.

GOVERNMENT RESPONSE: Provide 100% redundancy of the base bid networks (4) for Bid Option 1.

Please clarify which security system equipment is furnished and installed by the contractor and the ESS suppliers. Part 3 Chapter 6 – ESR D503005 states to provide “empty raceways with pull strings, outlet and junction boxes, cover plates, equipment racks and cabinets, and

associated power outlets to enable system installation by the ESS suppliers. Refer to D503001 for rack and cabinet requirements.” It makes no reference to door hardware items that might need to be provided by the contractor under a different section.

- a. ACU touch pad – only identified in Attachment V
- b. PIR – only identified in Attachment V
- c. BMS – identified in Attachment V and also door hardware sections
- d. Swipe Access (Card Reader) – identified in Attachment V and also door hardware sections
- e. X09 Lock – identified in Attachment V and also door hardware sections
- f. Von Duprin Locking Device – identified in Attachment V and also door hardware sections
- g. LKM7000 – identified in Attachment V and also door hardware sections

GOVERNMENT RESPONSE: Items a thru d shall be Government furnished, Government installed.

Items e thru f shall be Contractor furnished, Contractor installed. See also C102007 and Room Requirements sheets.

Please provide a drawing of Building 1999 showing the main telecommunications room or provide a length of cable to be assumed from the perimeter of the building into the main telecommunications rooms to get an overall length of fiber and copper cable to provide the new services for the facility.

GOVERNMENT RESPONSE: Assume 150 feet from the perimeter of Bldg 1999 to the main telecommunications room.

RFP Part3 –Chapter 6/ESR D30, Page 2, Inside Conditions – Spaces that are heated and ventilated only: Table indicates Summer indoor design condition as 10 F.

Question: 10 F is definitely incorrect for the Spaces that are heated and ventilated only. Should it be 10 F with ambient? Reference HVAC RFP Part 3

GOVERNMENT RESPONSE: The table at the top of the referenced page 2 states: “10 Degrees F dry bulb above ambient.”

RFP Part3 –Chapter 6/ESR D30, Page 4, 3rd paragraph: “A dedicated outside air handling unit (DOAHU) shall be provided to supply room-neutral conditioned ventilation air directly to the occupied spaces of the building. The DOAHU shall be an indoor water source heat pump unit with MERV 8 prefilters, MERV 13 final filters, DX coil, reheat coil with modulating hot gas reheat controls, air-to-air heat recovery from the building exhaust airstream, and ultraviolet disinfection system.”

- a. Should DOAHU be an outdoor unit in lieu of an indoor unit because the dedicated OA units are normally made for outdoor installation in lieu of indoor installation?
- b. This building is a 3 storied building with two large wings, one wing 181 ft long and another wing 137 ft long. One dedicated OA unit will not be effectively serve the entire building. Should two dedicated units be provided for this building with one unit located on the roof of the 181 ft long wing to serve the 3 levels below and another unit located on the roof of the 137 ft long wing to serve the 3 levels below?

GOVERNMENT RESPONSE: Re: (a.), no, the DOAHU is an indoor unit in the attic. The nomenclature used to describe the unit does not have bearing on whether it should be installed indoors our outdoors. Re: (b.), provide one unit as indicated in the RFP.

Would the Government be able to provide the used utility rates for the base for water, gas, and electric? Reference Site Utilities.

GOVERNMENT RESPONSE: AMENDMENT REQUIRED,

Section 01 50 00.05 20, Page 2, para 1.5, Temporary Utilities:

DELETE "Reasonable amounts of the following utilities will be made available to the Contractor at the prevailing rates."

REPLACE with " Reasonable amounts of the following utilities will be made available to the Contractor without charge: Electricity and Potable Water.

Contractor shall provide temporary meters for all utilities utilized during facilities construction. Contractor shall take monthly readings on all utility meters utilized during construction on or about the 15th of every month. Utility meter readings taken monthly shall be provided to MCB Quantico Energy Management team for analysis and energy reporting purposes."

Part 3, Chapter 6, ESR D20, Section D202003 Domestic Water Equipment of the RFP requires a packaged, domestic water booster system. However, Part 6, Attachment D, Hydrant Flow Test Report dated March 20, 2013 indicates a static pressure of 82 psi and a residual pressure of 58 psi flowing 990 gpm. Per IPC, the static pressure of 82 psi would require a pressure reducing valve on the domestic water service and not justify the booster system requirement. Please clarify the intent of the RFP.

- o Is there a more recent flow test indicating current pressures?
- o Is a pressure reducing valve required?
- o Is a domestic water booster system required?

GOVERNMENT RESPONSE: It is important to note that there is a significant difference in elevation between the hydrant used in the flow test report and the building. This difference in elevation was a contributing factor to the requirement to provide a domestic water booster system. Provide per the RFP.

RFP Part 3 Section D503004 indicates pathway for incoming CATV to building 5' line. RFP Part 3 Section G403002 indicates site CATV not applicable. Please confirm no site CATV pathways are required; otherwise, please provide requirements including all locations to terminate pathways for CATV provider.

GOVERNMENT RESPONSE: Provide a 38mm conduit stubbed out 1.5m from the signaling systems room 610mm below finished grade and cap for commercial provider's (Comcast) incoming service. No additional site CATV pathways are required.

Please provide base standards for LED type site lighting fixtures as indicated in Part 3 Section G402001.

GOVERNMENT RESPONSE: Outdoor LED Luminaires shall be American-made, ARRA Compliant at least 1 year of commercial service, listed to UL 1598, tested to LM79 & LM80, have an efficacy > 50 lumens/watt, L70 life > 75,000 hours, CRI > 70, CCT < 6500 and IP rating > 54 with onboard surge protection and with a minimum 5 year light engine/ enclosure coating warranty. Color temperature range for outdoor LED lamps shall be from 4000K to 6000K. Require a minimum from 5 to 10 year bumper to bumper warranty.

Part 3 Section D502001 indicates no conduit shall be installed below slabs on grade except incoming or outgoing circuits. The first floor may require floor boxes in locations without raised floors. Please confirm that branch circuits serving floor boxes not in raised floor areas on the ground floor are allowed to be routed under the slab on grade.

GOVERNMENT RESPONSE: Branch circuits serving floor boxes not in raised floor areas on the ground floor may be routed under the slab on grade.

Attachments, Item W provides specifications for Smart Board Flat Panels. Are these flat panels the "Smart" training tables provided at student seats in classrooms per Room Requirements requiring power and data? If not, please provide specifications and cut sheets for these "Smart" training tables.

GOVERNMENT RESPONSE: Cut sheet for Smart Board provided on Page 1350 after Security Plans of the RFP.

Verify version of LEED is v2009. RFP says to use LEED NC-2009 "unless award of project is delayed until after July 1st, 2015."

**GOVERNMENT RESPONSE:
Disregard AMENDMENT 0006 comment for using LEED v4.**

CLARIFICATION - Building is to be designed to achieve LEED 2009 silver. ASHRAE 90.1-2010 shall be used for compliance with UFC 1-200-02 High Performance and Sustainable Building Requirements and UFC 3-410-01 Heating, Ventilating, and Air Conditioning Systems.

Plan shows 3 manholes for the 15 KV feeder between the riser pole and pad mounted transformer. The total distance to the pad is less than 200 feet. Can the manholes be eliminated?

GOVERNMENT RESPONSE: One power manhole from the riser pole to the pad mounted transformer may be deleted.

Are concrete enclosed duct banks required for the 15 KV feeder and service lateral or can concrete caps be installed in lieu of encasement?

GOVERNMENT RESPONSE: Concrete enclosed duct banks are required for the 15kV feeder and service lateral.

Please confirm that lighting protection is required.

GOVERNMENT RESPONSE: A lightning protection system is required.

Maximo Data Tagging is referenced in part 3 section D309001 (among other locations), with info included in Attachment T. Please clarify if the Maximo Data Tagging is to be furnished and installed as part of this contract. If so, please provide details including a manufacturer and basis of design along with location for installation.

GOVERNMENT RESPONSE: Refer to Attachment T for the detailed Maximo requirements. The Maximo database already exists at Quantico; Attachment T describes the process required to update the MCB Quantico database and obtain equipment tags.

UFC 4-010-05 for SCIF facilities is not referenced in the RFP. Please confirm that SCIF is not required on this project. If so, please clarify the SCIF requirements.

GOVERNMENT RESPONSE: SCIF is not required for this project. See security plans AE701, AE702 and AE703 in the Part Six attachments. Secured rooms are to be designed as an open storage areas in accordance with SECNAV 5510.36 Department of Navy Information Security Program.

What is the HVAC requirement for the elevator machine room? Should this room be air-conditioned?

GOVERNMENT RESPONSE: Provide an air-cooled ductless split system to serve the elevator machine room.

Is it the intent for the design/build contractor to include the scope in this proposal or would this be part of the FF & E budget?

GOVERNMENT RESPONSE: The RFP indicates that the tables are "fixed" and part of C103009, which is funded as part of the construction project. See also Part 3 – Chapter 6/ESR E20/E2010 Fixed Furnishings SID.

Part 3 Chapter 3.2 indicates that the site "contains a cohesive subgrade that is susceptible to weakening and may require soil modification" but then states that "When stabilization is required, stabilize soils by use of Lime or Fly Ash & Cement or by Cement only, by an experienced specialty contractor who has been doing such work for the last ten years and is familiar with the soils on Navy, Marine, and Air Force Bases in the area." Please clarify the intent of soil stabilization using one of the methods mentioned. Is the intent to stabilize and increase the bearing capacity of an undisturbed soil subgrade or is the intent to improve the strength characteristics of soil to be re-used on site as fill?

GOVERNMENT RESPONSE: The contractor's geotechnical engineer is to determine what soils are to be stabilized as described in the RFP. The contractor's geotechnical engineer is responsible for defining suitable soils for fill and backfill.

Part 3, Chapter 6, Page 2 indicates that Site-specific ground motion study is not required, and that the design shall use a seismic site classification D. If the Design Builder elects to perform a site specific ground motion study, could a lesser site class be utilized in design?

**GOVERNMENT RESPONSE: AMENDMENT REQUIRED,
SECTION Part 3-Ch 6 ESR A10**

DELETE “A site-specific ground motion study is not required. The design shall use a seismic site classification D.”

REPLACE with “A site-specific ground motion study is required to determine the site classification. In accordance to the UFC-3-220-01.”

G103007 Slope Stabilization indicates "Provide slope stabilization through appropriate grading and site design for a minimum factor of safety of 1.5 .." Is the 1.5 Factor of Safety for static slope stability or seismic slope stability or both? Is 1.5 required for both long term (drained) soil conditions and short term (undrained) soil conditions?

GOVERNMENT RESPONSE: The minimum factor of safety of 1.5 shall be used for both static and seismic loading and for drained and undrained loading conditions, whichever the contractor’s Designer of Record determines to govern the design/analysis

Part 3 Chapter 6 ESR D509006 states to provide a rack-mounted 24-port Cisco switch in Room 111 for connection of the electric meter to the Base EMCS. Part 3 Chapter 6 ESR D306001 1.1 states to provide a 24-port Cisco switch in Room 111 for connection of the DDC system to the Base EMCS. Are these sections referencing the same switch where would only need to provide one or are separate switches required for each?

GOVERNMENT RESPONSE: Only one switch is required for connection of the AMI meter and the DDC system.

- a. **Services shall metered and require base data network connectivity and integration be provided to each meter.**
- b. **Remove the requirement to provide Navy network data switches from this section.**
- c. **Provide only a data network connection for each meter or for a meter network if the meters are separately networked.**
- d. **Remove the requirement for a fiber connection to each meter.**
There is no technical or operational need for single-mode fiber capacity to individual meters.

In the written description of the Factor 6 Narrative requirements there is a statement to “utilize the Baseline Performance Rating shown in RFP Part 6”. We were not able to locate the Government baseline performance rating, default simulation factors, or energy rates in Part 6 of the RFP. Please provide.

GOVERNMENT RESPONSE: Refer to the attached document, “NAVFAC Capital Improvements Gov Energy Baseline & Offerors Model Performance Rating Assumptions (PRA)”

Please clarify special power requirements for "classified" and "unclassified" outlet circuits.

GOVERNMENT RESPONSE:

Power requirements shall be for the following:

- 1) Each Workstation: 1 quad on dedicated circuit per workstation and 2 duplex for general loads;**
- 2) Shared offices: 1 quad on dedicated circuit per desk and 2 duplex for general loads per desk and additional wall outlets per UFC.**
- 3) Private offices: 1 quad on dedicated circuit per desk and 2 duplex for general loads per desk and additional wall outlets per UFC.**

Any requirements for AC power and receptacles for SIPRNET devices will be established during the design process by the Designer of Record (DOE)

MSTP, M&S Server Room - this is a server Room that may require more network connections. RFP only request 2 classified and 2 unclassified. Is this correct?

GOVERNMENT RESPONSE:

REVISE RRS (Room Requirements Sheets) MSTP, M&S Server (325B), page 69, Chapter 5, Branch Circuit Wiring to: "This server room will have 8 desktop servers/monitors. Provide 1 classified and 1 unclassified network connection outlet per desktop server. Each desktop server will require 1 quad receptacle and a dedicated 120 circuit per 2 quad receptacles."

Shared Control Room (320) - this is a Server Room that has 10 server cabinets that may require significant network connections. RFP request "Provide Data Connections for Equipment, plus 4 classified and 4 unclassified. Cable tray". What is the required data connections for the equipment in the server racks? Who provides the (10) Server Cabinets shown on the Floor Plan?

GOVERNMENT RESPONSE:

Provide 8' high 5 unclassified and 5 classified server cabinets. These server cabinets are part of the MILCON and shall be provided by the contractor. See Section D503001.

For unclassified server rack cabinets: Provide 1 - 6 strand single mode fiber optic cable per each unclassified server rack fed from G6 comm closet and terminate on single mode fiber optic patch panels. Provide 8 Cat6 cables per each unclassified server rack fed from G6 comm closet and terminate on copper patch panels.

Classified servers: Provide 1 - 6 strand single mode fiber optic cable per each unclassified server rack fed from SIPRNET cabinet and terminate on single mode fiber optic patch panels. Provide 8 Cat6 cables per each unclassified server rack fed from SIPRNET cabinet and terminate on copper patch panels.

There will also be 3 Government furnished UPS per each server cabinet. Provide 3 L6-30R receptacles to support the Government furnished/Government installed UPS power supplies (each UPS is 3750 Watts nominal rating) and an additional dedicated 120V circuit with quad receptacles per each server cabinet.

SIPRNET Outlets. The RFP requires a SIPRNET network however, no SIPRNET outlets are indicated in section 5.0 Room Requirements. Where are SIPRNET Outlets or associated raceways to be installed?

GOVERNMENT RESPONSE:

CLARIFICATION: SIPRNET Outlets are indicated as "classified outlets" in the RRS. Telecommunications and SPIRNET PDS Designers to design the system based on UFC 3-580-10, Appendix E. Appendix E identifies all key Government documents necessary to direct the system design.

Will all VOIP Telephones be connected to the unclassified data cables that are required to be installed at the various desk locations?

GOVERNMENT RESPONSE: Any Cat 6 cable installed and successfully tested to the required standards is VoIP capable. VOIP Telephones will be Government furnished equipment.

No room required Wireless Access Points. Should cabling be installed in the facility for future wireless access points?

**GOVERNMENT RESPONSE:
ADD Cabling should be installed in the building for wireless access.**

Security System and cabling is to be provided by others. However, the last paragraph indicates that Fiber cabling to be ran from each security device back to telecommunications room. Who is responsible for providing and installing fiber cabling for security devices?

GOVERNMENT RESPONSE: Fiber cabling shall be for the security system shall be the Government's responsibility. Contractor's responsibility is indicated in Part 3, Chapter 6, ESR D503005.

Part 3, Section D40 provided water supply information for the project site and stated that "Gridded/looped piping shall be utilized throughout the building to provide adequate sprinkler coverage without the introduction of a fire pump into the project." Based on the elevation change between the flow test location and the anticipated height of the attic ceiling, as well as the assumed and known pressure losses, it does not appear that adequate pressure is available to support the sprinkler system without the use of a fire pump. Please provided any hydraulic calculations that show that the sprinkler system can be installed without a fire pump.

GOVERNMENT RESPONSE: Hydraulic Calculations were to verify adequacy of the water supply, and describe design intent. Because portions of the attic are "noncombustible concealed space" in which fire sprinklers are not required by UFCs or NFPA and the penthouse mechanical room is required to be sprinklered, the design did not require a fire pump. Contractor shall confirm psi requirements and water supply during the design-build process to avoid addition of a fire pump or provide adequate information and design calculations that would otherwise require one.

****Please note all RFIs have been reviewed and issued in amendments 0001-0008. If your specific question is not addressed, the Solicitation RFP, Specifications or Drawings have adequately addressed your inquiry. Please propose in accordance with the RFP.**

(End of Summary of Changes)