

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE <b>J</b>		PAGE OF PAGES <b>1   3</b>	
2. AMENDMENT/MODIFICATION NO. <b>0001</b>		3. EFFECTIVE DATE <b>31-Jul-2020</b>		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO.(If applicable)	
6. ISSUED BY NAVFAC MID ATLANTIC ACQUISITION CORE 9324 VIRGINIA AVENUE NORFOLK VA 23511-3095		CODE <b>N40085</b>		7. ADMINISTERED BY (If other than item 6)  <b>See Item 6</b>		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				X		9A. AMENDMENT OF SOLICITATION NO. <b>N4008519R9148</b>	
				X		9B. DATED (SEE ITEM 11) <b>14-Jul-2020</b>	
						10A. MOD. OF CONTRACT/ORDER NO.	
						10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning <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.)  The purpose of Amendment 0001 is to:  1. Provide Amendment 0001 Information (See Continuation Page)  2. Add PPI Log 01 as a PDF Attachment  3. Add 10 51 00 file and 13 42 75 file as PDF Attachments  ELECTRONIC PROPOSAL DUE DATE: AUGUST 13, 2020 (VIA DODSAFE) by 2:00 p.m. (EST).  HARDCOPY PROPOSAL DUE DATE: AUGUST 20, 2020 (MAIL DELIVERY) by 12:00 noon (EST) PPI CUT-OFF DATE: AUGUST 3, 2020 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)		31-Jul-2020	

## SECTION SF 30 BLOCK 14 CONTINUATION PAGE

**SUMMARY OF CHANGES**

## SECTION SF 30 - BLOCK 14 CONTINUATION PAGE (SF 30)

The following have been added by full text:

AMENDMENT 0001 INFORMATION**THE PURPOSE OF AMENDMENT 0001 IS TO:****1. PROVIDE AMENDMENT 0001 INFORMATION: SEE BELOW INSTRUCTIONS****AMENDMENT 0001 -**

1. Specification Section 13 42 75 Integrated Interior Assemblies added. See attachment.
2. Specification Section 10 51 00 Lockers revised. See attachment.
3. Drawing M-701 Chilled water schematic – Revise flow meter to include analog input as indicated on points list.
4. Drawing M-701 Chilled water schematic – Revise CHILLED WATER FLOW METER upstream of chiller to read CHILLED WATER FLOW SWITCH and add chilled water flow switch and digital input to points list.
5. Drawing M-702 Heating water schematic – Revise flow meter point to analog input as indicated on points list.
6. Drawing M-703 DOAU Schematic – Remove wheel AI point.
7. Drawing M-703 Sequence of operation - Replace the ENERGY RECOVERY WHEEL section with the following:  
ENERGY RECOVERY WHEEL: ENTHALPY WHEEL ROTATION SHALL BE CONTROLLED BASED ON DEW POINT TEMPERATURE (CALCULATED BASED ON DRY BULB TEMPERATURE AND RELATIVE HUMIDITY).  
HIGH OUTDOOR AIR HUMIDITY: IF THE OUTDOOR AIR INTAKE DEW POINT ENTERING THE ENERGY RECOVERY WHEEL IS GREATER THAN THE SUPPLY AIR WHEEL DISCHARGE DEW POINT SETPOINT OF 55°F (ADJ) (OUTSIDE AIR LEAVING THE ENERGY RECOVERY), AND GREATER THAN THE EXHAUST AIR DEW POINT ENTERING THE ENERGY RECOVERY WHEEL THEN THE ENERGY RECOVERY WHEEL SHALL ENERGIZE AND MODULATE ROTATION SPEED TO MAINTAIN WHEEL DISCHARGE DEW POINT SETPOINT.  
HIGH EXHAUST AIR HUMIDITY: IF THE OUTDOOR AIR INTAKE DEW POINT ENTERING THE ENERGY RECOVERY WHEEL IS GREATER THAN 55°F (ADJ) AND LESS THAN THE EXHAUST AIR ENTERING THE ENERGY RECOVERY WHEEL DEW POINT THEN THE WHEEL SHALL BE OFF.  
LOW OUTDOOR AIR HUMIDITY: IF THE OUTDOOR AIR INTAKE DEW POINT ENTERING THE ENERGY RECOVERY WHEEL IS LESS THAN 55°F (ADJ) THEN THE ENERGY RECOVERY WHEEL SHALL MODULATE ROTATION SPEED TO MAINTAIN A SUPPLY AIR TEMPERATURE SETPOINT OF 70°F (ADJ), BUT NOT EXCEED A WHEEL DISCHARGE SUPPLY AIR DEW POINT OF 55°F (ADJ)  
ALARMS SHALL BE PROVIDED AS FOLLOWS:  
(A) ENERGY RECOVERY WHEEL FAILURE: COMMANDED ON, BUT THE STATUS IS OFF.  
(B) ENERGY RECOVERY WHEEL IN HAND: COMMANDED OFF, BUT THE STATUS IS ON.

8. Drawing M-703 Sequence of operation - Replace the VARIABLE AIR VOLUME UNITS (DEMAND CONTROL VENTILATION) section with the following:  
VARIABLE AIR VOLUME UNITS (DEMAND CONTROL VENTILATION):  
THE VARIABLE AIR VOLUME (VAV) UNIT SHALL MODULATE THE OUTDOOR AIR FLOW RATE TO MAINTAIN SPACE CO2 LEVELS OF 700 PPM (ADJ) ABOVE MEASURED OUTSIDE AIR CO2 LEVELS. WHEN THE SPACE CO2 LEVEL IS BELOW SETPOINT, THE VAV UNIT SHALL PROVIDE THE MINIMUM SETBACK OUTDOOR AIR FLOW RATE AS SCHEDULED IN THE VAV AND CAV TERMINAL BOX SCHEDULE. WHEN THE SPACE CO2 LEVEL RISES ABOVE SETPOINT, THE VAV UNIT SHALL MODULATE TO MAXIMUM OUTDOOR AIR FLOW RATE AS SCHEDULED TO PROVIDE ADDITIONAL OUTSIDE AIR TO THE SPACE.  
WHEN THE SPACE CO2 LEVELS ARE LESS THAN 600 PPM (ADJ) ABOVE MEASURED OUTSIDE AIR CO2 LEVELS, THE VAV UNIT SHALL MODULATE BACK TO MINIMUM SETBACK OUTDOOR AIR FLOW RATE.  
ALARMS SHALL BE PROVIDED AS FOLLOWS:  
(A) HIGH CO2 LEVELS: IF SPACE CO2 LEVELS ARE GREATER THAN SPACE CO2 SETPOINT BY AN USER DEFINABLE AMOUNT (ADJ).
9. Drawing M-703 Sequence of operation - Replace the 4<sup>th</sup> paragraph of SUPPLY AIR DUCT STATIC PRESSURE CONTROL section with the following:  
THE EXHAUST FAN VFD SHALL ADJUST PROPORTIONATELY TO MAINTAIN 700 CFM (ADJ) DIFFERENTIAL BETWEEN SUPPLY AND EXHAUST AIRFLOW AS MEASURED BY SUPPLY AND EXHAUST AIRFLOW STATIONS. EXHAUST VAV TERMINAL UNITS VAV-11 AND VAV-12 SHALL MODULATE PROPORTIONATELY TO MAINTAIN CAV-5 AIRFLOW. IF CAV-5 IS FULLY OPEN AND UNABLE TO MAINTAIN AIRFLOW THAN VAV-11 AND VAV-12 SHALL INCREMENTALLY MODULATE CLOSED UNTIL CAV-5 ACHIEVES AIRFLOW AND IS 95 PERCENT OPEN.
10. Drawing M-704 fan coil unit control valves – Revise fan coil heating and cooling control valves schematic and points list to be digital input and digital output.
11. Drawing M-704 Sequence of operation COOLING MODE and HEATING MODE– Replace second paragraph/sentence of each section with the following:  
  
FAN COIL UNIT SUPPLY FAN SHALL OPERATE CONTINUOUSLY DURING OCCUPIED PERIODS AND SHALL OPERATE AT MINIMUM FAN SPEED PER MANUFACTURER'S MINIMUM FAN SPEED SETTING WHEN SPACE LOAD IS SATISFIED.

**---END OF AMENDMENT---**

Add PPI Log 01 Attachment as PDF document

Add 10 51 00 file and 13 42 75 Attachments as PDF document

PROPOSAL DUE DATE: AUGUST 13, 2020 at 2:00 p.m. (EST)

HARDCOPY PROPOSAL DUE DATE: AUGUST 20, 2020 (MAIL DELIVERY) by 12:00 noon (EST)

PPI CUT-OFF DATE: AUGUST 3, 2020

(End of Summary of Changes)