

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE 1 OF 6 PAGES
2. AMENDMENT/MODIFICATION NO. AMENDMENT NO. 0001		3. EFFECTIVE DATE 12/27/07	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable) 00-4717	
6. ISSUED BY Resident Officer in Charge of Construction 1005 Michael Road Camp Lejeune, NC 28547-2521		CODE ase	7. ADMINISTERED BY (If other than Item 6) See Item 6		CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(X)	9A. AMENDMENT OF SOLICITATION NO. N40085-00-R-4717
				x	9B. DATED (SEE ITEM 11) 12/17/07
					10A. MODIFICATION OF CONTRACT/ORDER NO.
					10B. DATED (SEE ITEM 11)
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.
	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 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.)

00-4717, Major Interior/Exterior Repairs, Building 102

1. On the Request for Proposal, the time and date for receipt of proposals should read not later than 1300, Tuesday, 08 January 2008.

2. Incorporate NAVFAC Drawing No. 4531415A, NAVFAC Drawing No. 4531415B and Asbestos Inspection Report of: Building #102 MCB Camp Lejeune, into the project/contract.

CONTINUED

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)		16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	
15C. DATE SIGNED		16C. DATE SIGNED	

CONTINUATION SHEET

3. Incorporate the following sketches into the project/contract:

- Trailer 1
- Trailer 2 S2
- Trailer 3 S1 Shops
- Trailer 4 BAS
- Trailer 5 HQSVC Co
- Trailer 6 Echo Co
- Trailer 7 Fox Co
- Trailer 8 Golf Co
- Trailer 9 WPNS Co
- Trailer 10 S3/S4

4. **Ten administrative trailers will be leased under this contract for housing Building 102 tenants while renovation is ongoing. Trailers must be operational before renovation of Building 102 may begin.** Work shall include site work for ten office trailers to include: providing utilities from existing water and sewer, as well as providing an electrical service (transformers, poles and line) for each of the trailers. Also a 4" PVC conduit will be run between each trailer for computer/telephone wire. Provide 20- 4' x 4' decks to access front & back door of trailers. Decks shall be constructed from 4"x 4" post and 2"x 4" decking and rails. Provide fenced-in contractor lay down area.

5. NAVFAC dwg 4531418, A3: Add General Construction Note 5, "Provide fire extinguishers and semi recessed non-locking cabinets in the corridors and main rooms, in the wall common with rooms; 104, 119, 125, 130, 139, 147, & 154. Fire extinguishers shall be stored pressure multi-purpose dry chemical, equipped with integral pressure indicating gage, 5 pound nominal charge weight having minimum fire test rating of 3A, 40B, C."

6. NAVFAC dwg 4531419, A4: Add General Construction Note 5, "Provide fire extinguishers and semi recessed non-locking cabinets in the corridors and main rooms, in the wall common with rooms; 202, 210, 213, 223, 233, 236, & 236. Fire extinguishers shall be stored pressure multi-purpose dry chemical, equipped with integral pressure indicating gage, 5 pound nominal charge weight having minimum fire test rating of 3A, 40B, C."

7. NAVFAC dwg 4531422, A7. Add "General Note: The HVAC system utilizes the above ceiling space as a return air plenum. The plenum area shall be separated from wall cavities. Gypsum wall board and other wall finishes shall be extended to the underside of the 2nd floor deck.

8. NAVFAC dwg 4531437, FP4, Detail 7 Sprinkler System Detail: Change the entrance of the 6" by routing the fire service water line into crawl space and then up thru floor, in lieu of rising on the outside of the building as shown. Provide a backflow preventor test header as described in specification section 13930 para 2.2.10.2.
9. NAVFAC dwg 4531450, M4, First Floor Mechanical Piping New Work Plan: Add the following note: Provide a 400 gallon thermal inertia tank in the chilled water system. Provide 4" concrete equipment pad to extend 12" beyond tank on all sides. Locate tank exterior to the building, on grade in the water line flowing to the chiller. Provide 2" of polyisocyanurate or 3" of cellular glass insulation with weather resistant and vapor barrier cover.
10. NAVFAC dwg 4531453, M7, Enlarged Steam Pit Plan: Show the hot water recirculation line as ¾" and connect to cold water inlet of PKGDHX-2.
11. NAVFAC dwg 4531454, M8, Steam Pressure Reducing Station (PRV) Detail 1: change steam entrance to underground. Delete F&T steam trap station on horizontal feed to each Pressure Reducing Valve.
12. NAVFAC dwg 4531454, M8, PKGDHX-1 (Heating Hot Water) Schematic, Detail 5 And PKGDHX-2 (Domestic Hot Water) Schematic, Detail 6: Delete the pressure relief valve on the 25 PSI service upstream of the control valve. Change the discharge location of the 25psi steam feed drip trap station from the LPR to the receiver on the inlet of the pressure powered pump. Add a direct acting pressure reducing valve on the Motive Steam, set at 60psig. On PKGDHX-2 relocate the pump shown from between the 2" hot and 2" cold water lines to the ¾" HW Recirc.
13. NAVFAC dwg 4520754, M10: Add General Note: Provide 1" conduit from the DDC Supervisory Controller to the telephone backboard.
14. NAVFAC dwg 4520756, M12, Pump Schedule: Change all pumps from end suction base mounted to direct coupled inline pumps.
15. NAVFAC dwg 4520756, M12, Air Handling Unit Schedule: Add note 11. Provide secondary drain pan under all air handlers.
16. NAVFAC dwg 4531441, P4, Second Floor Plumbing Supply New Work Plan, and NAVFAC dwg 4531444, P7, Plumbing Supply Riser Diagram: Change the cold water line to room 204 from ½" to 1-1/4".

17. NAVFAC dwg 4531441, P4, Second Floor Plumbing Supply New Work Plan, and NAVFAC dwg 4531444, P7, Plumbing Supply Riser Diagram: Change the cold water line to the second floor from 1½” to 2”.

18. NAVFAC dwg 4531440, P3, First Floor Plumbing Supply New Work Plan, NAVFAC dwg 4531441, P4, Second Floor Plumbing Supply New Work Plan, and NAVFAC dwg 4531444, P7, Plumbing Supply Riser Diagram: Add water hammer arrestors at the following locations:

- Room 104 size A to cold and hot water,
- Room 113 size A to hot water,
- Room 204 size C to cold water, size A to hot water
- Room 250 size A to cold and hot water

19. NAVFAC dwg 4531442, P5, First Floor Plumbing DWV New Work Plan, NAVFAC dwg 4531443, P6, Second Floor Plumbing DWV New Work Plan, and NAVFAC dwg 4531445, P8, Plumbing DWV Riser Diagram: Show horizontal drain in Room 250 serving the showers to be 3” and the vertical drain to be 3” in lieu of 4”. Show horizontal drain in Room 248 serving the lavatories to be 2” and the vertical drain to be 2” in lieu of 4”. Show the horizontal drain in Room 248 serving the urinals to be 3” and the vertical drain to be 3” in lieu of 4”.

20. NAVFAC dwg 4531442, P5, First Floor Plumbing DWV New Work Plan, and NAVFAC dwg 4531445, P8, Plumbing DWV Riser Diagram: Change the new main drain from 6” to 4”, connect to the existing 6” sewer. In Room 116, individually vent floor drain in north east wall. In Room 113, tie water closet drain and lavatory drain together before connecting to the branch drain.

21. Specification Section 13280 Removal and Disposal of Asbestos Materials, paragraph 1.4.1 Description of Work: Delete the second paragraph. Insert the following paragraph “The Asbestos Inspection Report of Building 102, printed December 14, 2007 shall be consulted for approximate locations, descriptions, sample analysis, and estimated quantities of ACM. The asbestos work includes removal of all asbestos containing material from building 102. Before final completion of the asbestos removal the Supervising Air Monitor shall make a total building visual inspection for any asbestos. The Supervising Air Monitor shall make a written statement that the building is free of asbestos.”

22. Specification Section 13930, Wet-Pipe Fire Suppression Sprinklers, para 1.4, Sprinkler system design: In first sentence remove the word ordinary and change to read “. . . by light hazard hydraulic calculations . . .”

23. Specification Section 13930, Wet-Pipe Fire Suppression Sprinklers, para 1.4.5. Outside Hose Allowances: change to read “ 250 gpm for outside hose streams.”
24. Specification Section 13930, Wet-Pipe Fire Suppression Sprinklers, paragraph 1.4.9, As Built Drawings: Add to end of this paragraph “In addition to reproducible mylar as-builts, submit as built in AutoCad 2000 format on CD.”
25. Specification Section 13930, Wet-Pipe Fire Suppression Sprinklers, paragraph 2.2.1, Sprinkler Piping: Change second sentence to read “Steel piping shall be Schedule 40 for 2” and smaller pipe, and schedule 10 or 40 for sizes larger than 2”.
26. Specification Section 13930, Wet-Pipe Fire Suppression Sprinklers, paragraph 2.2.2, Sprinkler heads: Delete last two sentences. Add “Provide two piece escutcheon ceiling plates in suspended acoustical ceilings.”
27. Specification Section 13930, Wet-Pipe Fire Suppression Sprinklers, paragraph 2.2.8, Backflow Preventer: Change first sentence to read “Provide double check valve backflow preventer assembly with OS&Y gate valve on both ends.”
28. Specification Section 13935, Dry-Pipe Fire Sprinkler System, paragraph 1.3.4, Sprinkler Design Area: Change to read “Area shall be the hydraulically most remote 3900 sq ft area as defined in NFPA13. When specially listed Attic sprinklers are used, they may be install in accordance with their listing.
29. Specification Section 13935, Dry-Pipe Fire Sprinkler System, paragraph paragraph 1.3.9, Detail Drawings: Add to end of this paragraph “In addition to reproducible mylar as-builts, submit as built in AutoCad 2000 format on CD.”
30. Specification Section 13935, Dry-Pipe Fire Sprinkler System, paragraph 2.1.1 Sprinkler Piping: Delete 2nd sentence. Insert “All piping shall be schedule 40 galvanized steel. Groove end connections must be cut not rolled.”
31. Specification Section 15910 Direct Digital Control Systems paragraphs 1.3.18 and 1.3.19: Delete these paragraphs and substitute the following.

“Connection to Base Wide EMCS

The control system specified must interface to and shall be completely incorporated into the Camp Lejeune base wide Energy Management and Control System (EMCS) located in Bldg 24 by the contractor. The contractor is responsible for all work inside the project building. Camp Lejeune will make all modifications to the EMCS servers. All points listed on the Mechanical Drawings, such as; AI, BI, AO, BO, setpoint adjustments, alarms, equipment start/stop schedules and load management shedding objects for mechanical equipment shall

communicate via BACNet protocol and be displayed and managed by the Camp Lejeune EMCS server. The Camp Lejeune EMCS system utilizes the Johnson Controls, Inc. Metasys

Extended Architecture ADX platform. The contractor shall be responsible for maintaining consistency on object identifier names, descriptions, and graphical presentation of the data.

The contractor shall work with the base energy manager to define the load groups to be incorporated into the EMCS load management program. At a minimum all major mechanical systems shall be incorporated into the load reduction program such as chillers, electric boilers, and air handling unit's. The load reduction program incorporates the base wide demand limiting / load rolling (DLLR) program. The DLLR program limits peak energy usage by monitoring real time energy consumption from six (6) electrical substations serving the base and shedding the appropriate electrical loads to meet target set points. Building DDC supervisory controllers must have the ability to send /receive/ program load shed object information to the EMCS utilizing BACnet/ IP protocol.

The EMCS system resides on a LAN managed by Camp Lejeune Marine Corps Base. This requires all I/P devices connected and utilizing this network to be certified by the Defense Information Systems Agency (DISA), in coordination with the National Security Agency (NSA) and the Services and Agencies throughout the Department of Defense (DoD). The standard process known as DoD Information Technology Security Certification and Accreditation Process (DITSCAP), integrates security directly into the system lifecycle and is applied uniformly across DoD. As part of the DITSCAP process vendors I/P devices must be listed on the EMCS System Security Authorization Agreement (SSAA). This is a living document that provides information related to the certification and accreditation (C&A) of a system in accordance with the DITSCAP. This SSAA is tailored to meet the requirements of the system under review. It also provides the Certification Authority (CA) and the Designated Approving Authority (DAA) or DAA at each echelon with a source document for information on the system. It is a user document to assist in establishing sound security policies and practices. Personnel responsible for the security of the system will be familiar with the contents of this document.

The SSAA must be completed prior to final acceptance of the HVAC controls construction under this section. It is the contractor's responsibility to ensure acceptable equipment is proposed and installed. Final approval of the proposed equipment will not be given until the SSAA is complete and Approval to Operate (ATO) is granted from Marine Corps Base Camp Lejeune DAA. To avoid construction delays early submission is advised as the approval process can be lengthy.

32. Specification Section 15910 Direct Digital Control Systems paragraph 2.1.15 Site Building Controller (SBC): Delete this paragraph .

33. Specification 13930 paragraph 1.4.7 and 13935, paragraph 1.3.7: Change to read "Base hydraulic calculations on a static pressure of 58 psig with 1093 gpm available at a residual pressure of 56 psig at the connection to the water distribution system. Provide a 5 psi cushion between total calculated demand and the water supply.